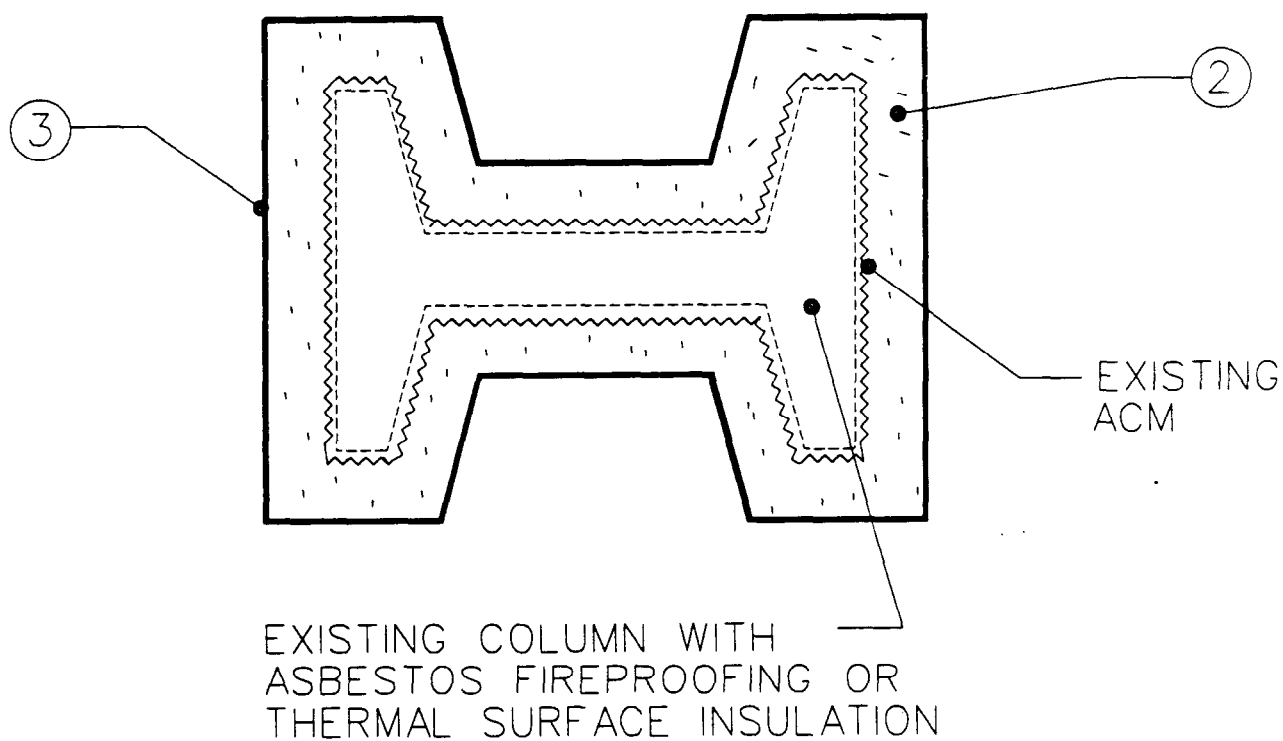


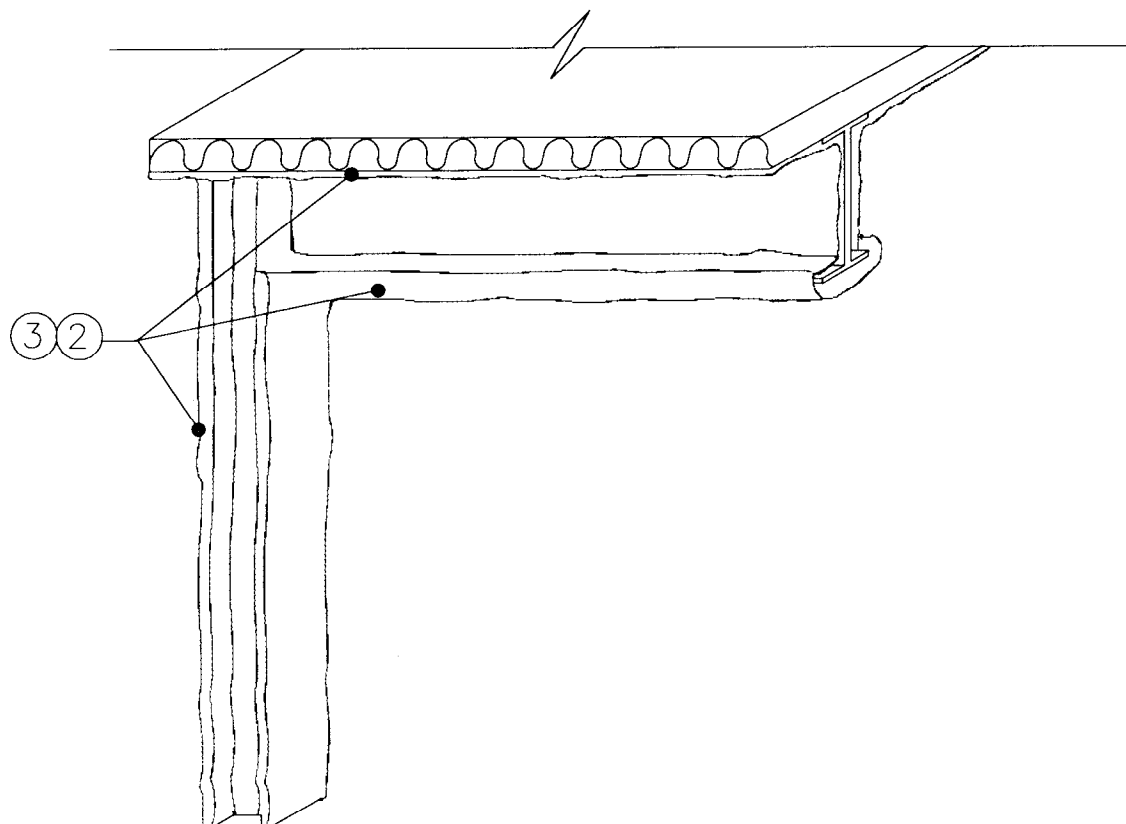
Encasement of fireproofing or thermal insulation of beams and decking

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Apply foam sealer to existing asbestos fireproofing in accordance with manufacturer's recommendations.
3. Spray on polymer shell finish.
4. Inspect.
5. Prepare area for final clearance.
6. Carry out final clearance requirements specified on applicable sheet 16, 17, or 18.



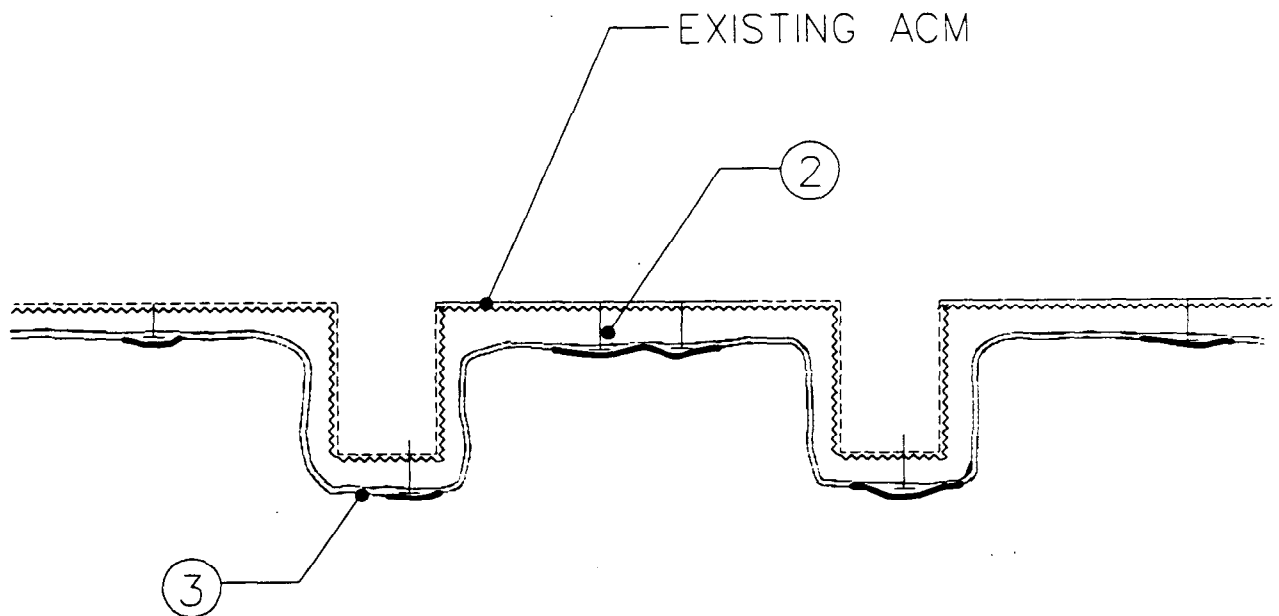
Encasement of fireproofing or thermal insulation on columns

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Apply foam sealer to existing asbestos fireproofing in accordance with manufacturer's recommendations.
3. Inspect and reapply as necessary.
4. Spray on polymer shell finish.
5. Inspect and reapply polymer shell finish as necessary.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements as specified on applicable sheet 16, 17, or 18.



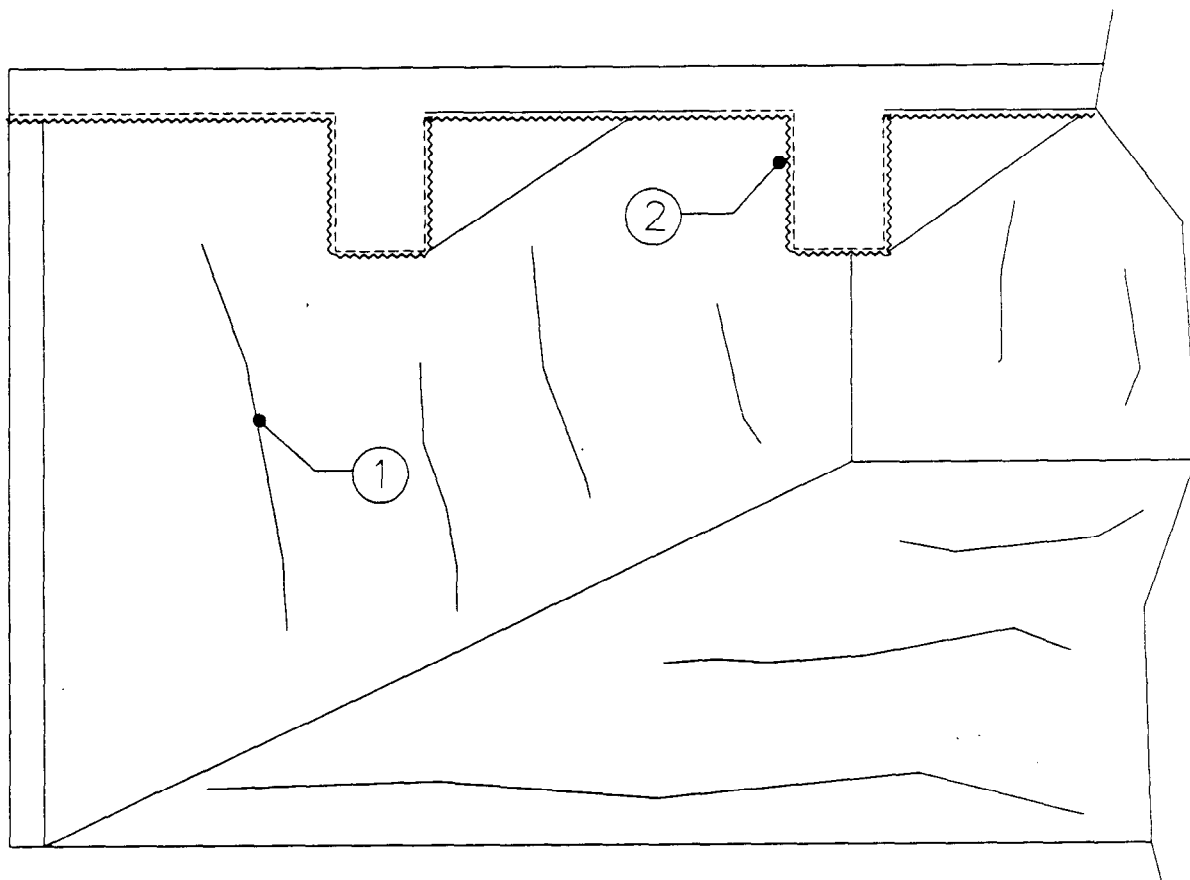
Removal of fireproofing or thermal surface insulation

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Adequately wet mist surface of insulation/fireproofing with amended water, initially and during removal procedures.
3. Remove sprayed-on fireproofing from all structural members. Brush, HEPA vacuum, and wet wipe exposed steel surfaces in order to remove residual material. Place removed asbestos-containing material in approved containers; see sheet 9. Apply labels; see sheet 14.
4. Inspect and reclean area as necessary.
5. Apply tinted penetrating encapsulant. Inspect and reapply encapsulant as necessary.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements as specified on applicable sheet 16, 17, or 18.



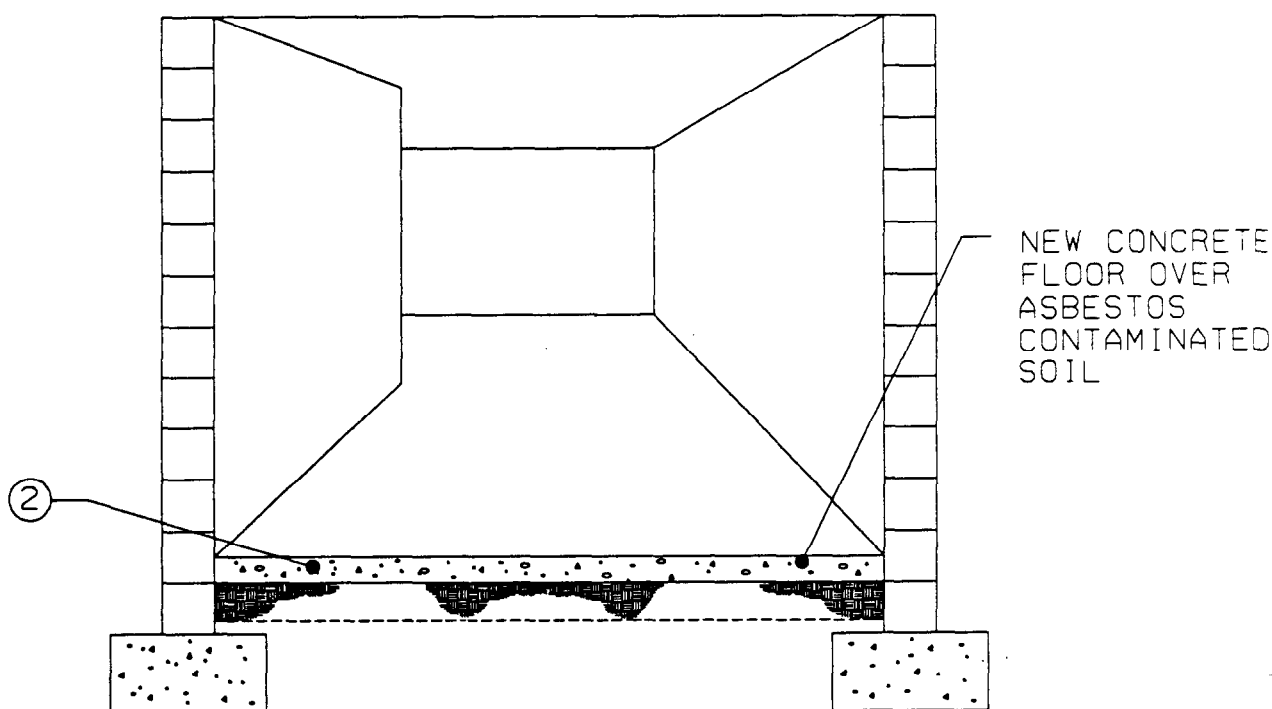
Encasement of acoustical ceiling insulation

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Install encasement supports per manufacturer's recommendations. Apply foam sealer to existing acoustical ceiling insulation.
3. Inspect.
4. Spray on polymer shell finish.
5. Inspect.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements as specified on applicable sheet 16, 17, or 18.



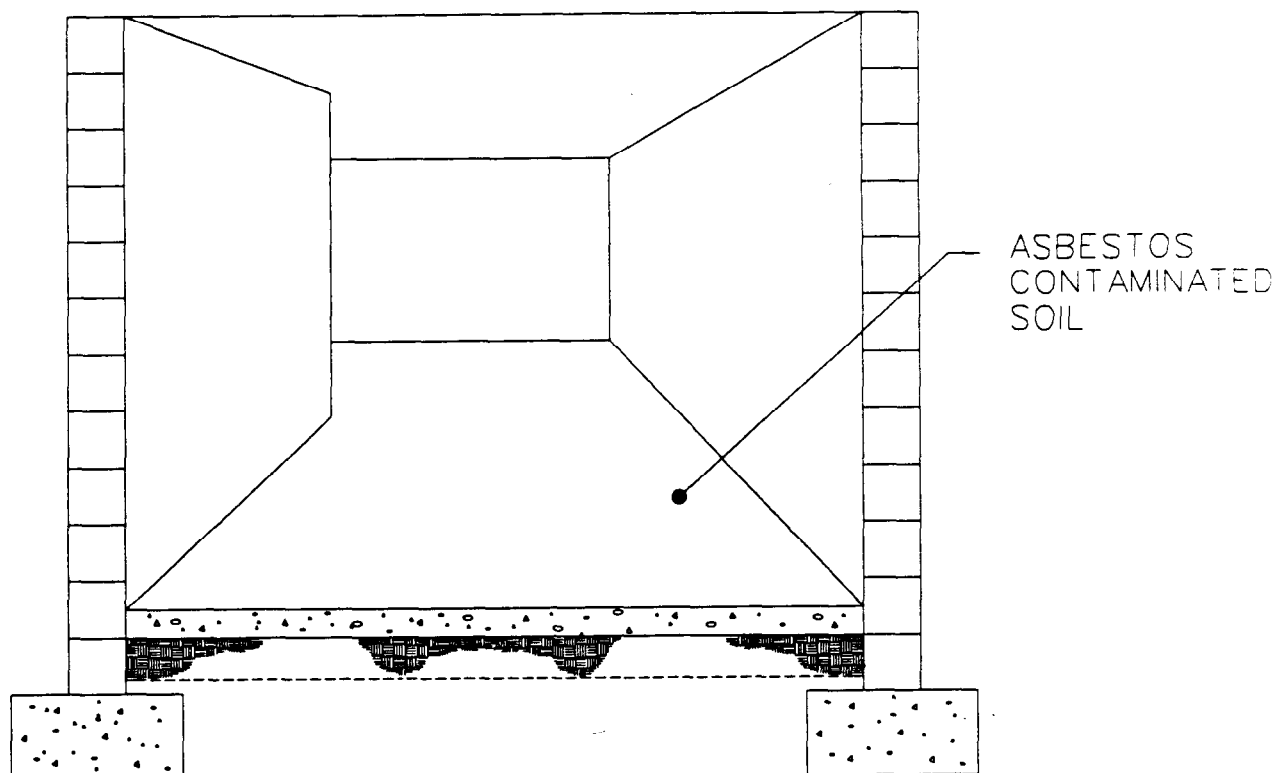
Removal of acoustical ceiling insulation

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Adequately wet mist surface of acoustical ceiling insulation with amended water, initially and during abatement procedures.
3. Remove all surface-mounted fixtures. Remove insulation on structural substrate. Clean, HEPA vacuum, and adequately wet clean surface in order to remove remaining residue.
4. Inspect and reclean area as necessary.
5. Apply tinted penetrating encapsulant. Inspect and reapply encapsulant as necessary.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements as specified on applicable sheet 16, 17, or 18.



Enclosing asbestos-contaminated soil

1. Prepare mini-containment area as specified on sheet 7. Install HEPA-filtered air exhauster in a location that will provide air movement through work area. Adequately wet mist soil floor with amended water. Gather loose debris and place in approved container; see sheet 9. Apply labels; see sheet 14.
2. Place 6-mil polyethylene on top of soil floor, and cast a new 2-inch concrete floor.
3. Apply tinted penetrating encapsulant to wall and ceiling surfaces, using airless sprayer.
4. Prepare area for final clearance.
5. Carry out final clearance requirements as specified on sheet 7.



Penetrating encapsulation of asbestos-contaminated soil

1. Prepare mini-containment area as specified on sheet 7. Install HEPA-filtered air exhauster in a location that will provide air movement through work area. Adequately wet mist soil floor and debris with amended water. Gather loose debris and place in approved container; see sheet 9. Apply labels; see sheet 14.

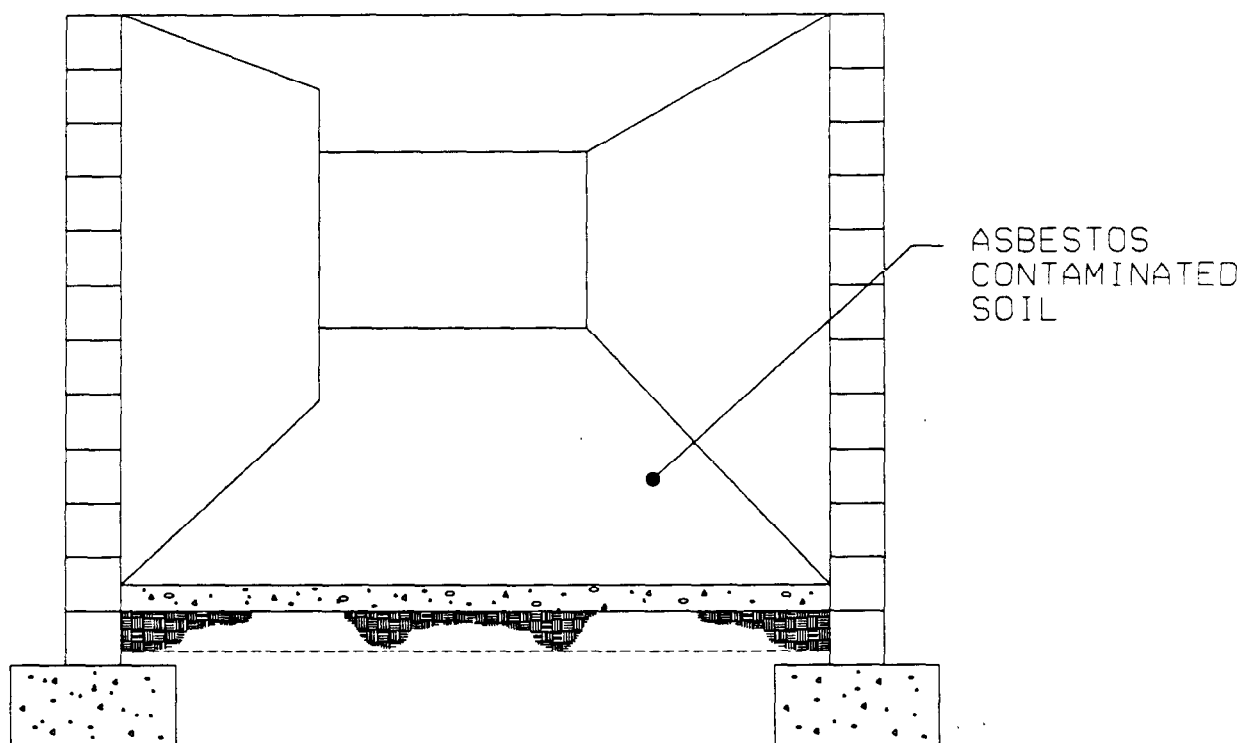
2. Apply tinted penetrating encapsulant to walls and

ceilings and the accepted soil encapsulation system to the soil.

3. Inspect and reapply encapsulant as necessary.

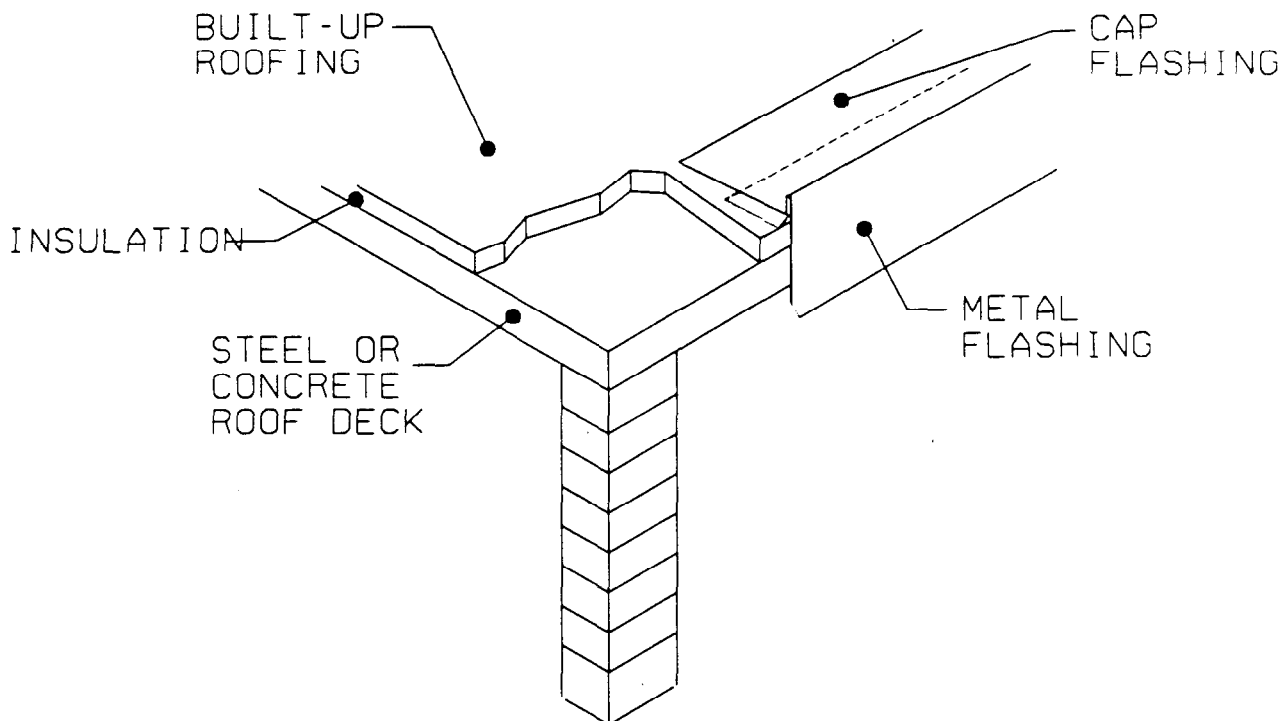
4. Prepare area for final clearance.

5. Carry out final clearance requirements as specified on sheet 7.



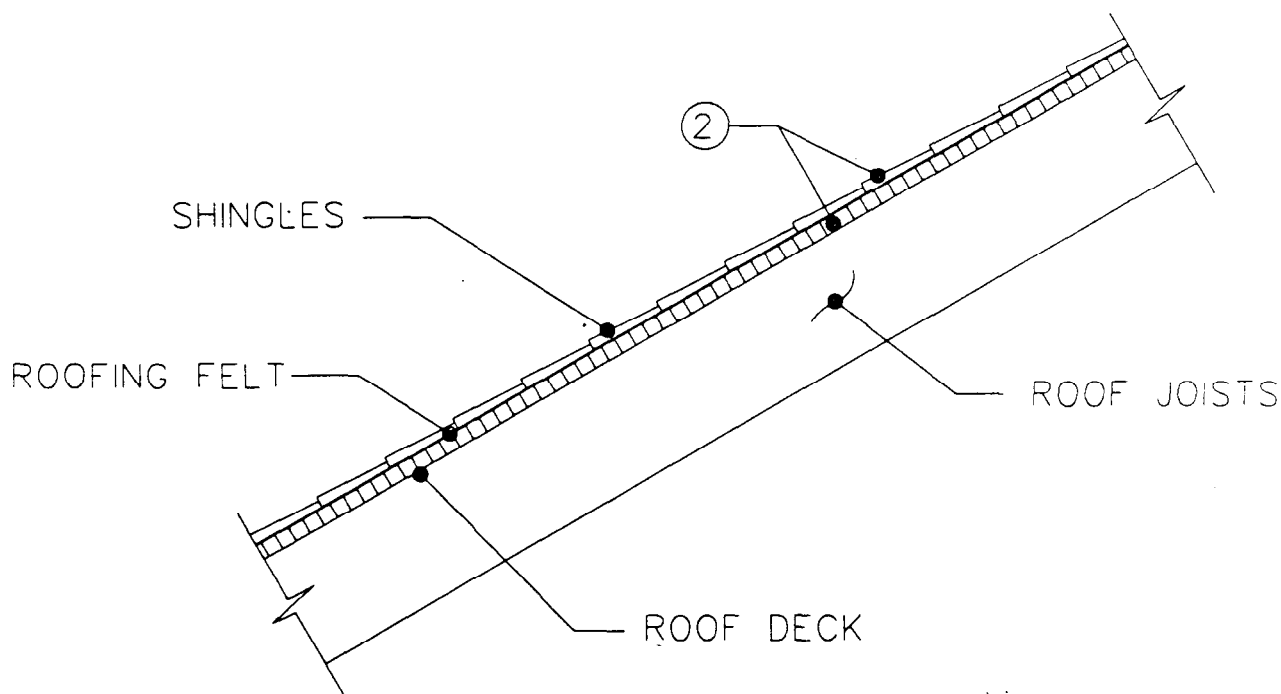
Removal of asbestos-contaminated soil

1. Prepare mini-containment area as specified on sheet 7. Install HEPA-filtered air exhauster in a location that will provide air movement through work area. Adequately wet mist soil floor and debris with amended water. Gather loose debris and place in approved container; see sheet 9. Apply labels, see sheet 14.
2. Gently loosen the top 2 inches of soil and remove, using an asbestos HEPA-filtered power vacuum collection and removal system; see sheet 26. Collect material into approved containers; see sheet 9. Apply labels; see sheet 14.
3. After all soil has been removed, use vacuum collection and removal system to vacuum walls and ceilings.
4. Inspect and reclean area as necessary.
5. Apply tinted penetrating encapsulant to wall and ceiling surfaces, and apply an approved soil encapsulation system to the soil. Inspect wall and ceiling and reapply encapsulant as necessary.
6. Prepare area for final clearance.
7. Carry out final clearance requirements as specified on sheet 7.



Removal of built-up roofing and flashing

1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.
2. Remove accumulated debris.
3. Adequately wet mist flashing and built-up roofing, initially and during removal procedures. Remove flashing and built-up roofing.
4. Dispose of all materials by carefully sliding them down an enclosed chute into an enclosed Dumpster or truck that is lined with two layers of 6-mil polyethylene. When the Dumpster or truck is filled, fold the polyethylene edges over each other and seal with duct tape; see sheet 9 for leak-tight wrapping. Apply labels; see sheet 14.
5. Clean and HEPA vacuum roof.
6. Inspect and reclean area as necessary.
7. Apply tinted penetrating encapsulant to exposed roof deck, using an airless sprayer. Inspect and reapply encapsulant as necessary.
8. Prepare area for final clearance.
9. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.

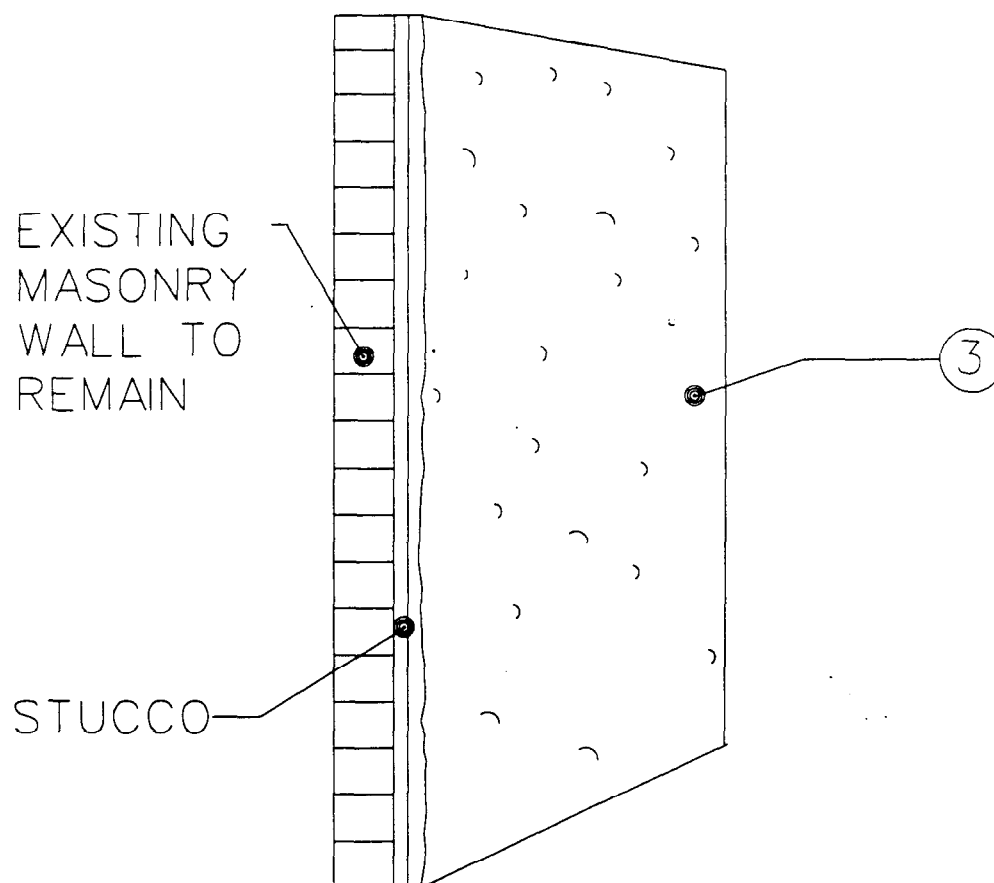


Removal of roof, shingles, and underlay

1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented, and install warning signs; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.
2. Remove shingles, roofing felt, nails, and debris, using wet removal technique.
3. Dispose of all materials by carefully sliding them down an enclosed chute into an enclosed Dumpster or truck that is lined with two layers of 6-mil polyethylene. When Dumpster or truck is filled, fold

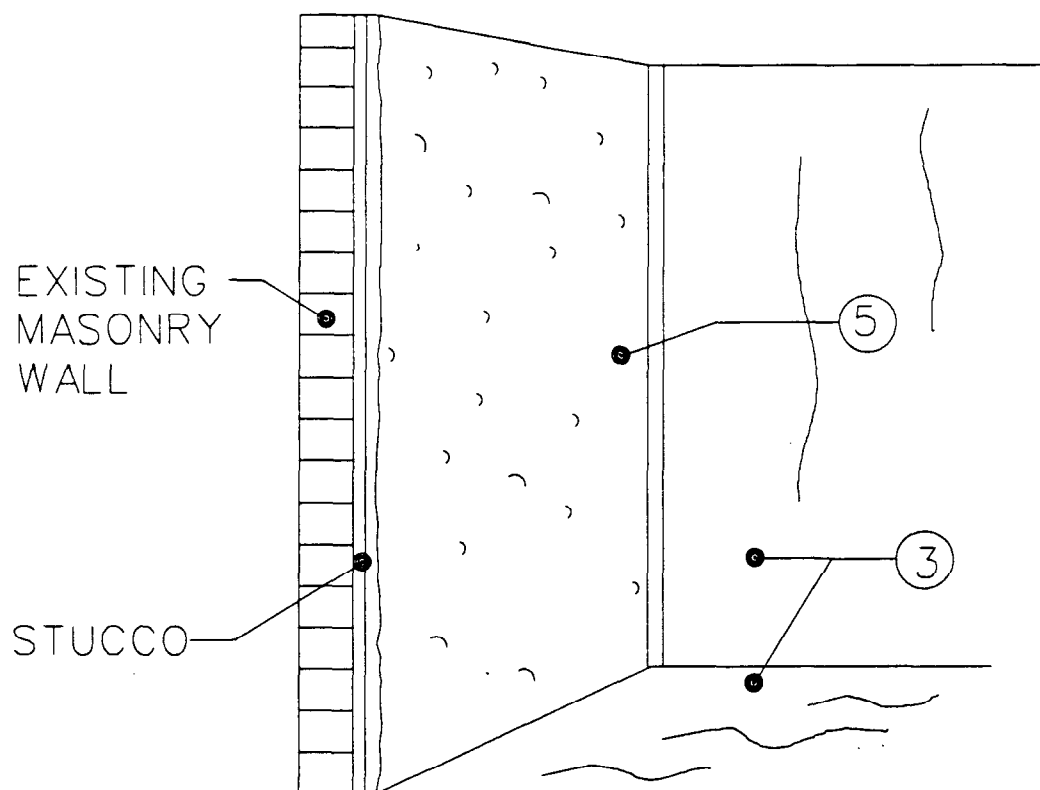
the polyethylene edges over each other and seal with duct tape; see sheet 9. Apply labels; see sheet 14.

4. Clean and HEPA vacuum roof.
5. Inspect and reclean area as necessary.
6. Apply tinted penetrating encapsulant to exposed roof deck, using an airless sprayer.
7. Prepare area for final clearance.
8. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



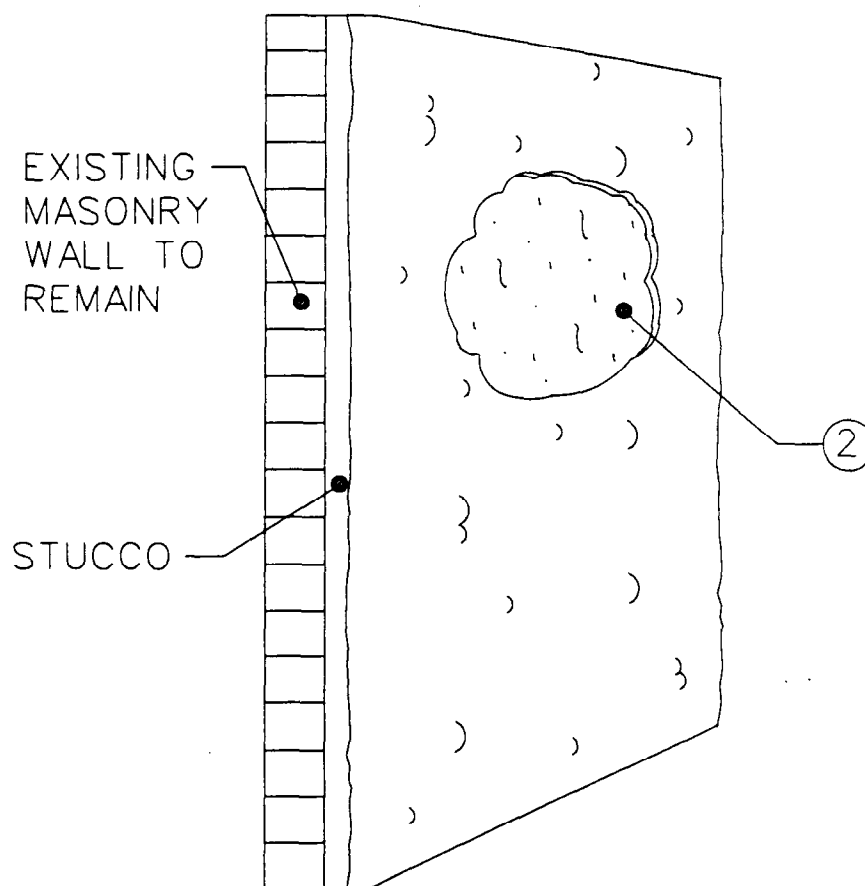
Bridging encapsulation of exterior asbestos stucco

1. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.
2. Apply tinted bridging encapsulant to surface of stucco.
3. Inspect and reapply encapsulant as necessary.
4. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



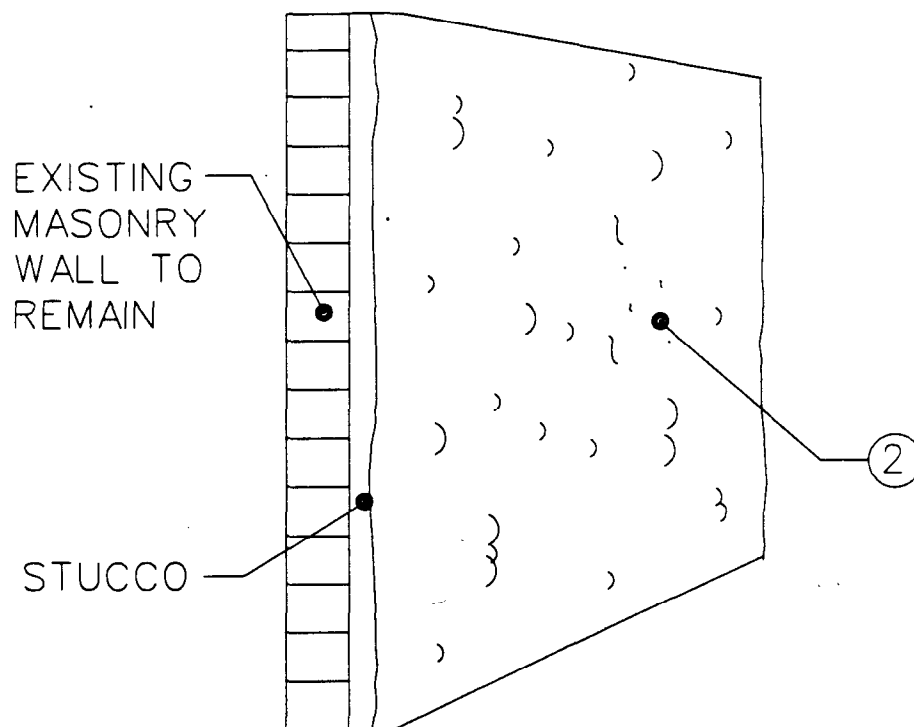
Bridging encapsulation of interior asbestos stucco

1. Prepare containment as specified on applicable sheet 2, 3, 4, or 5. (If only one wall—and no ceiling—is to be abated, prepare bulkhead containment area as specified on sheet 5.) Prevent unauthorized entry; see sheet 11. Eliminate airflow into containment area by isolating all supply and air ducts from mechanical system.
2. Install 6-mil polyethylene critical barriers over all windows, doors, wall openings, electrical outlets, etc. Secure with duct tape on all sides.
3. Install 6-mil polyethylene on floor surfaces and walls not to be encapsulated. If only one wall is included, prepare bulkhead containment area as specified on sheet 5.
4. Install HEPA filter unit and ductwork; see sheet 8.
5. Apply tinted bridging encapsulant to surface of asbestos stucco.
6. Inspect and reapply encapsulant as necessary.
7. Remove polyethylene on walls and floor. The critical barriers sealing all windows, doors, wall openings, electrical outlets, etc., are to remain. Treat polyethylene as asbestos-contaminated material; see sheet 9.
8. Prepare area for final air clearance.
9. Carry out final clearance requirements as specified on applicable sheet 5, 16, 17, or 18.



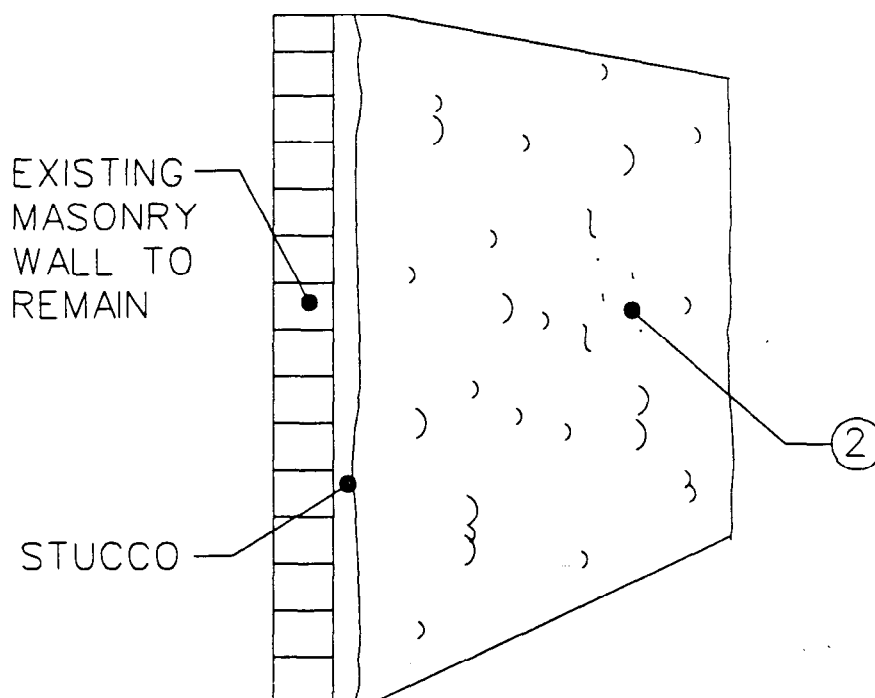
Repair of interior asbestos stucco

1. Prepare mini-containment area as specified on sheet 7.
2. Adequately wet mist stucco with amended water, initially and during removal procedure. Remove damaged stucco and place in approved container; see sheet 9. Apply labels; see sheet 14.
3. Apply tinted penetrating encapsulant. Inspect and reapply as necessary.
4. Apply new asbestos-free stucco to damaged area, matching adjacent stucco surfaces.
5. Inspect.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements as specified on sheet 7.



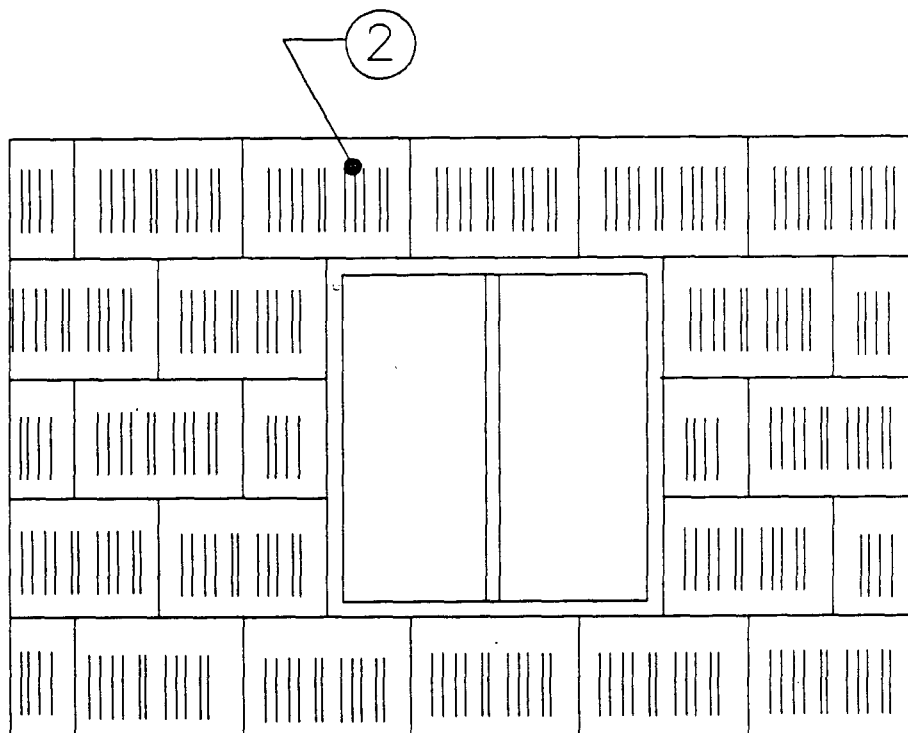
Removal of exterior asbestos stucco

1. Prepare containment area as specified in applicable sheet 5 or 7.
2. Remove stucco attached to masonry. Use adequate wet removal techniques, initially and during removal procedures. Brush, HEPA vacuum, and adequately wet clean area in order to remove residue.
3. Dispose of asbestos stucco in approved containers; see sheet 9. Apply labels; see sheet 14.
4. Inspect and reclean area as necessary.
5. Apply tinted penetrating encapsulant to exposed masonry.
6. Inspect and reapply encapsulant as necessary.
7. Prepare area for final clearance.
8. Carry out final clearance requirements as specified on applicable sheet 5 or 7.



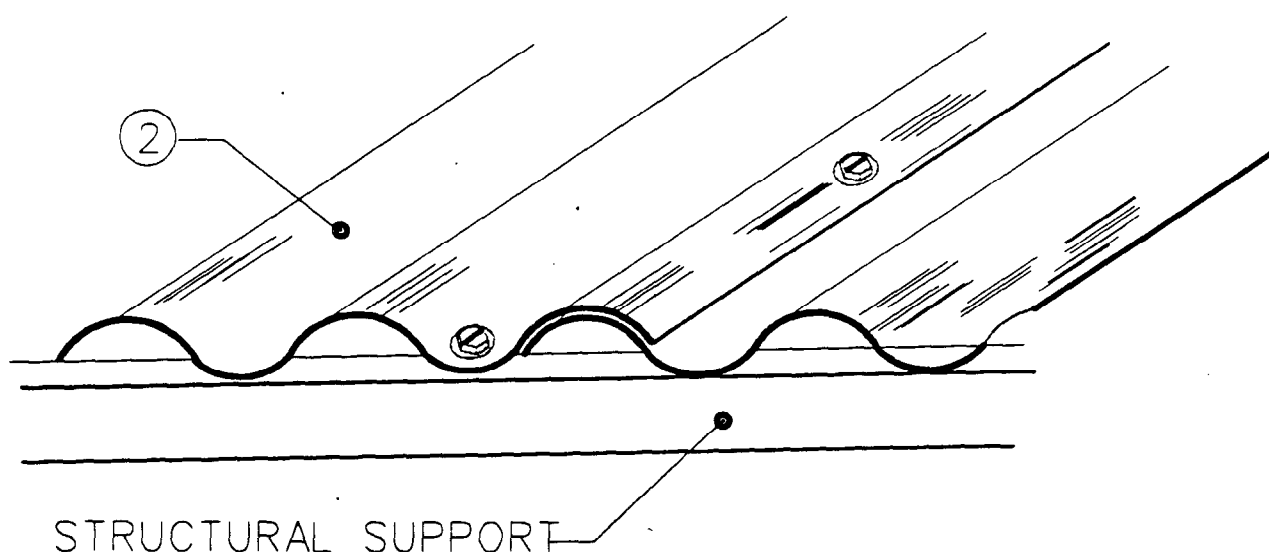
Repair of exterior asbestos stucco

1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; see sheet 11. Place two layers of polyethylene sheeting on the ground in order to collect debris.
2. Wet mist stucco with amended water, initially and during removal procedure. Carefully remove damaged stucco and place in approved containers; see sheet 9. Apply labels; see sheet 14.
3. Apply tinted penetrating encapsulant. Inspect and reapply as necessary.
4. Apply new asbestos-free stucco to damaged area, matching adjacent stucco surfaces.
5. Fold each layer of polyethylene sheeting inward, and seal all edges with duct tape; see sheet 9. Apply labels; see sheet 14. Treat as asbestos-contaminated material.
6. Prepare area for final clearance.
7. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



Removal of asbestos cement siding

1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.
2. Wet mist siding with amended water, initially and during removal procedures.
3. Anchor 10-mil polyethylene sheeting below work area. Remove siding in a manner that will prevent crumbling, pulverizing, or reducing to powder during the removal procedure. NOTE: Normal breakage does not constitute crumbling, pulverizing, or reducing to powder.
4. Clean and HEPA vacuum all surfaces.
5. Inspect and reclean area as necessary.
6. Place all materials in Dumpster or other transport container lined with two layers of 6-mil polyethylene. Seal the joints and ends of each layer with duct tape; see sheet 9. Apply labels; see sheet 14. Other containers may be used; see sheet 9. Apply labels; see sheet 14.
7. Prepare area for final clearance.
8. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



Removal of asbestos cement roofing

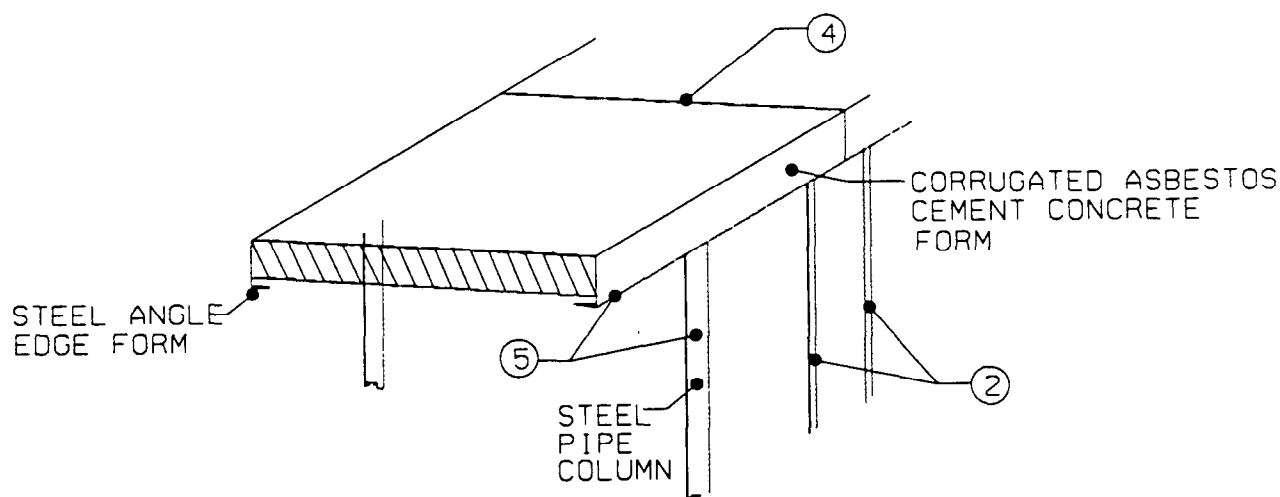
1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.

2. Wet mist the top surface of the roofing with amended water, initially and during removal procedures. Carefully remove roofing in a manner that will prevent crumbling, pulverizing, or reducing to powder during the removal procedure. NOTE: Normal breakage does not constitute crumbling, pulverizing, or reducing to powder.

3. Place all materials in Dumpster or other transport container lined with two layers of 6-mil polyethylene. Seal the joints and ends of each layer with duct tape; see sheet 9. Apply labels; see sheet 14. Other containers may be used; see sheet 9. Apply labels; see sheet 14.

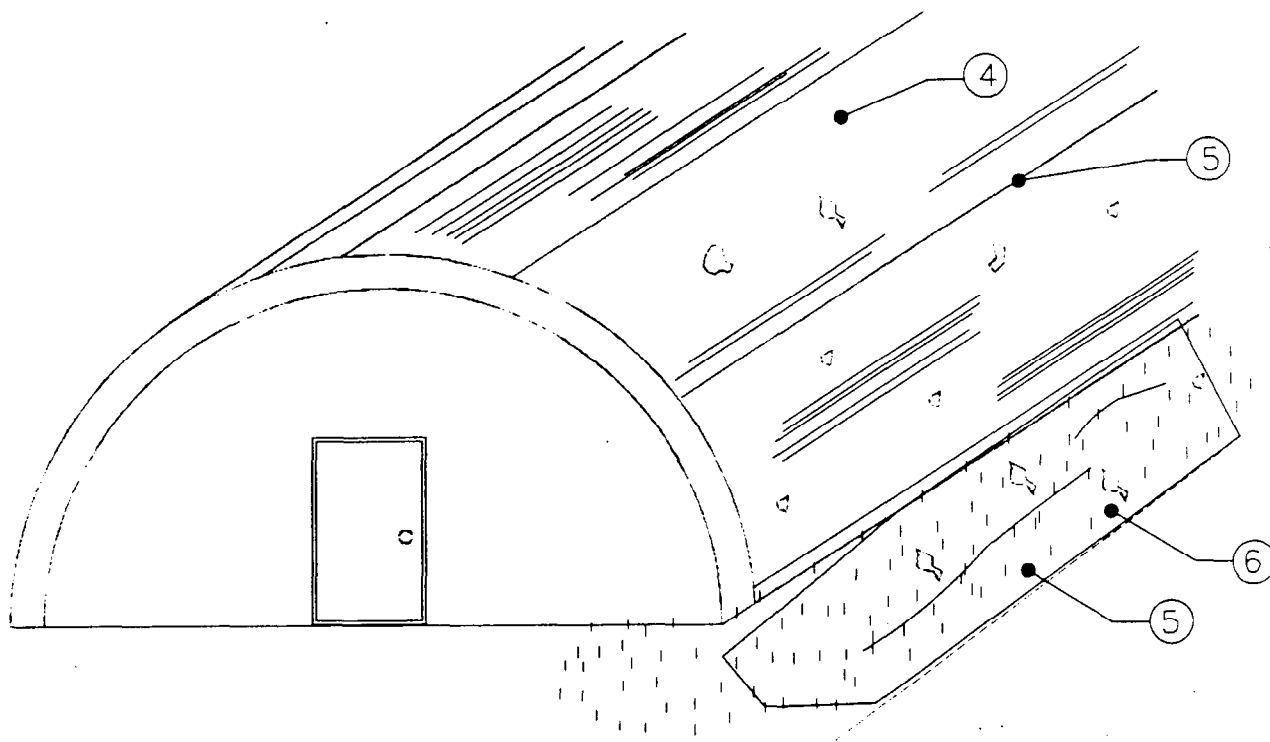
4. Prepare area for final clearance.

5. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



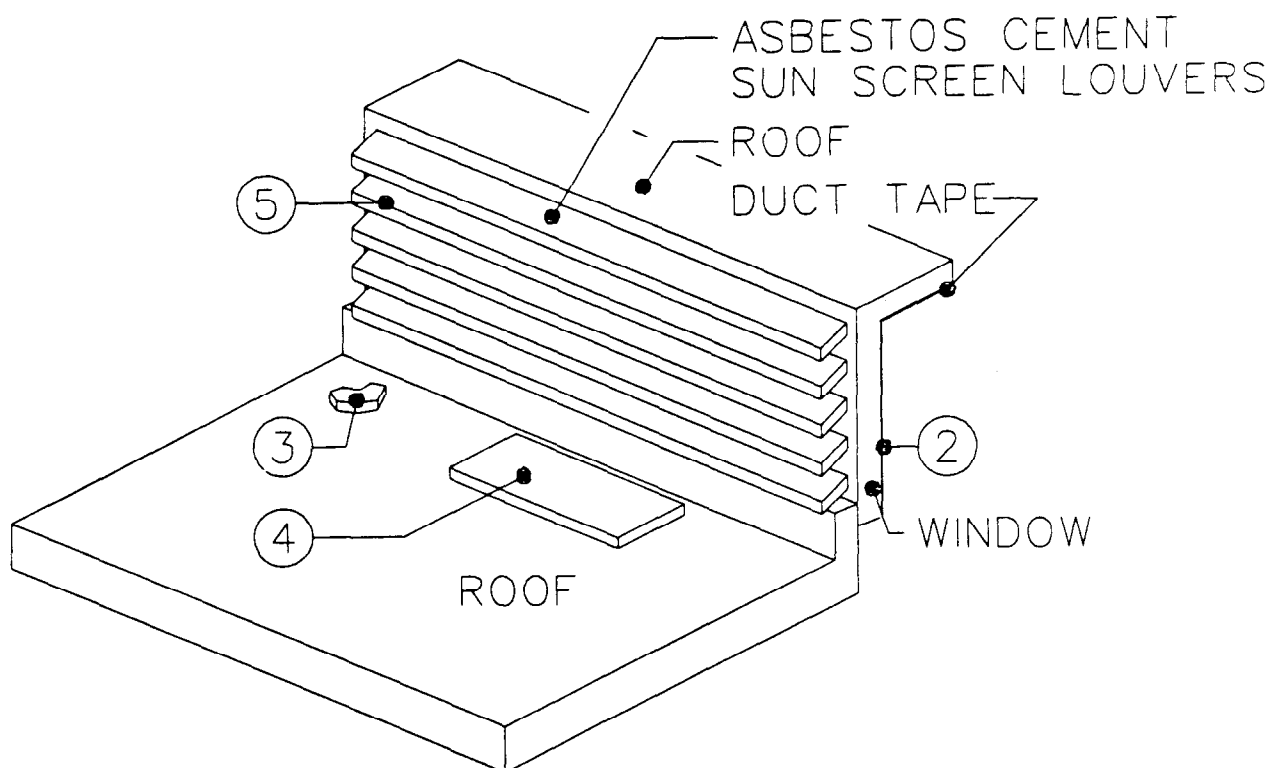
Removal of asbestos-containing walkway cover

1. No containment area is required. Establish boundaries of asbestos-regulated work area so that unauthorized entry is prevented; sheet 11. Provide personal protective equipment and decontamination facilities as specified in the contractor's asbestos hazard abatement plan.
2. Install temporary supports at midpoint between existing columns.
3. Support walkway-cover slab with forklift, crane, or other approved lifting device..
4. Saw cut through concrete no deeper than the concrete cover over the corrugated asbestos cement form.
5. Burn through steel side angles and pipe columns.
6. Lift slab and place on truck bed lined with two layers of 6-mil polyethylene sheeting. Seal the joints and ends of each layer with duct tape; see sheet 9. Apply labels; see sheet 14. Treat as asbestos-contaminated construction waste, keeping walkway-cover slab intact. Secure slab to truck bed and cover with tarp. Gather any loose debris lying on ground and place in approved container; see sheet 9. Apply labels; see sheet 14. Prepare area for final clearance.
7. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



Removal of asbestos-contaminated metal siding

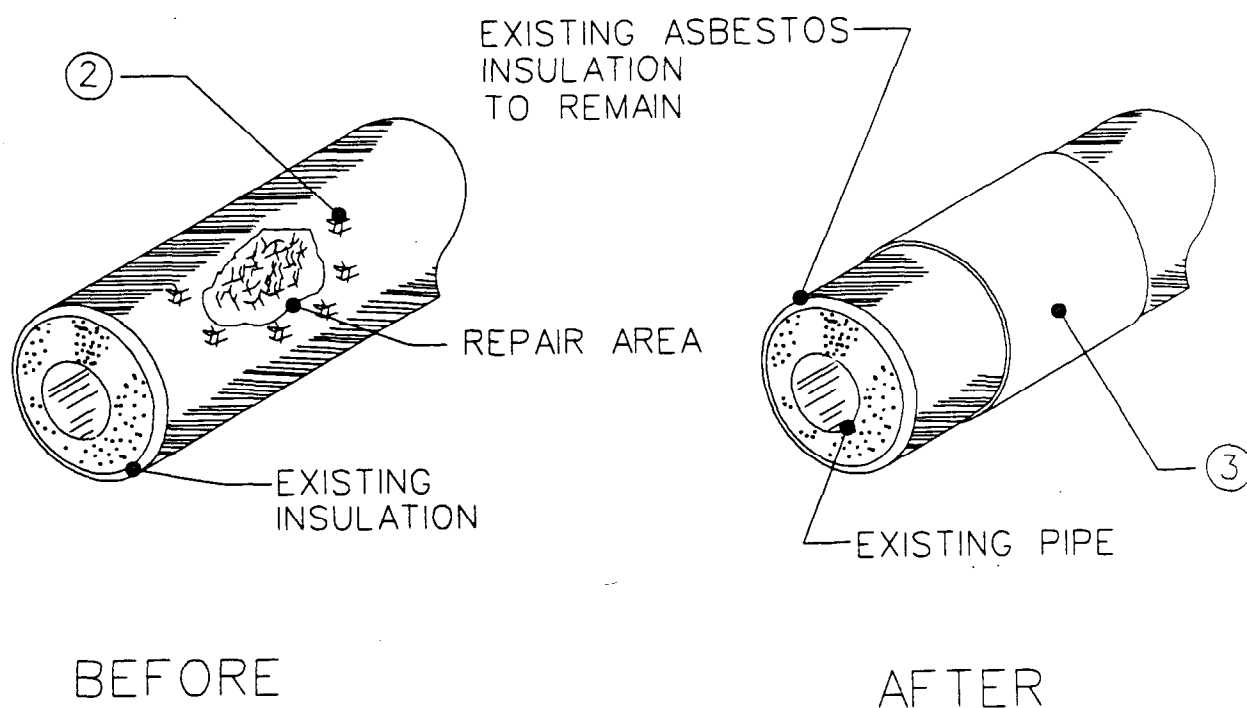
1. Demolish interior of Quonset hut, including wall surfaces, electrical services, etc. Treat as ordinary construction waste.
2. No containment area is required. Establish boundaries of work area so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in the contractor's asbestos hazard abatement plan.
3. Anchor 10-mil polyethylene sheeting below work area. Adequately wet mist exterior siding and scrape off loose paint. Place paint chips and debris in approved container; see sheet 9. Apply labels; see sheet 14.
4. Apply tinted penetrating encapsulant to exterior surface of siding. Let dry.
5. From the inside of the Quonset hut, cut metal fasteners as close to metal siding as possible. With crow bar, carefully pry apart the abutting corrugated metal sheeting. Place disassembled sheets on a truck bed lined with two layers of 6-mil polyethylene sheeting. Seal the joints and ends of each layer with duct tape; see sheet 9. Apply labels; see sheet 14. Treat as asbestos-contaminated construction waste.
6. Gather contaminated 10-mil polyethylene sheeting and any loose debris lying on ground. Place in approved container; see sheet 9. Apply labels; see sheet 14.
7. Prepare area for final clearance.
8. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



Removal of asbestos cement sun screen louvers

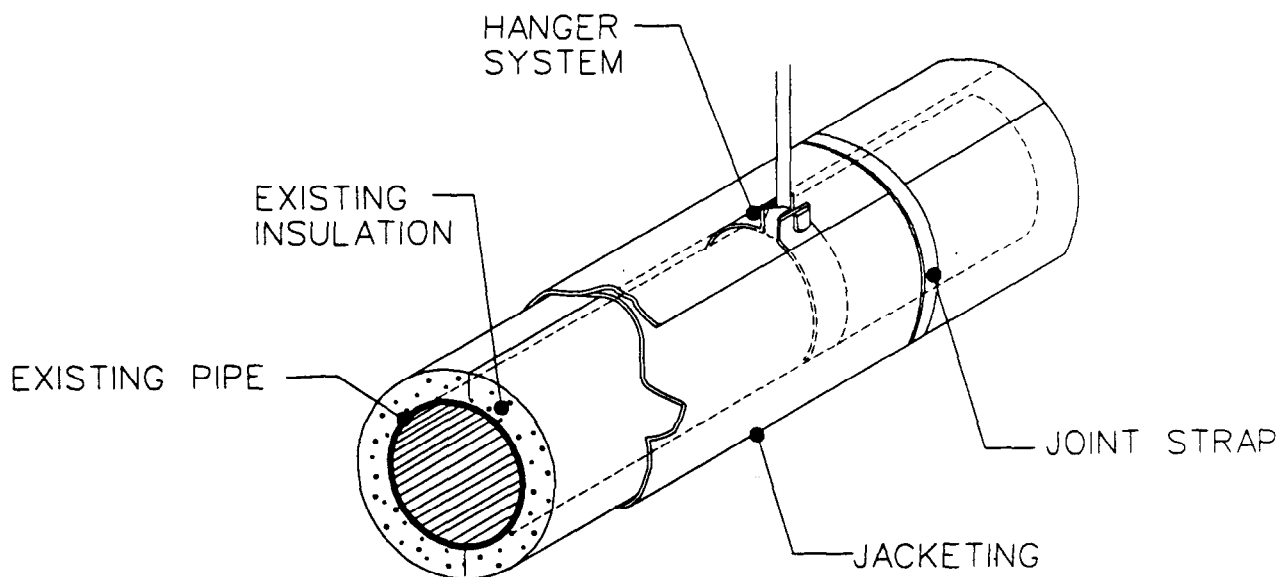
1. No enclosed containment area is required. Establish boundaries of asbestos regulated work so that unauthorized entry is prevented; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.
2. Install 6-mil polyethylene critical barrier over inside face of window and frame. Seal with duct tape. Anchor 10-mil polyethylene sheeting below work area.
3. Clean up roof debris from broken asbestos cement sun screen louvers. Treat as asbestos-containing material. Place debris in approved containers; see sheet 9. Apply labels; see sheet 14.
4. Place [0.8-in] [20-mm] plywood sheets on roof or scaffolding adjacent to work area.
5. Adequately mist a removal encapsulant on all accessible louver surfaces, initially and during removal procedures. Gently remove each louver slat by disconnecting from supporting metal straps. If breakage occurs, place in approved containers per step 3 above. If slats can be removed intact, stack and wrap with two layers of 6-mil polyethylene. Seal the joints and ends with duct tape; see sheet 9. Apply labels; see sheet 14.
6. Mist the supporting straps with a removal encapsulant and remove. Treat as asbestos-contaminated waste. Dispose of per step 3 above.
7. HEPA vacuum roof, windows, jambs, and all adjacent surfaces as each work area is completed.
8. Prepare area for final clearance.
9. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.
10. Upon instructions from the contracting officer, remove all critical barriers and plywood. Treat as asbestos-contaminated waste per step 3 above.

NOTE: THIS SHEET CAN BE USED FOR
PIPE FITTINGS AND FOR VERTICAL
OR HORIZONTAL PIPING.



Repair of pipe and fitting insulation (using glove bag)

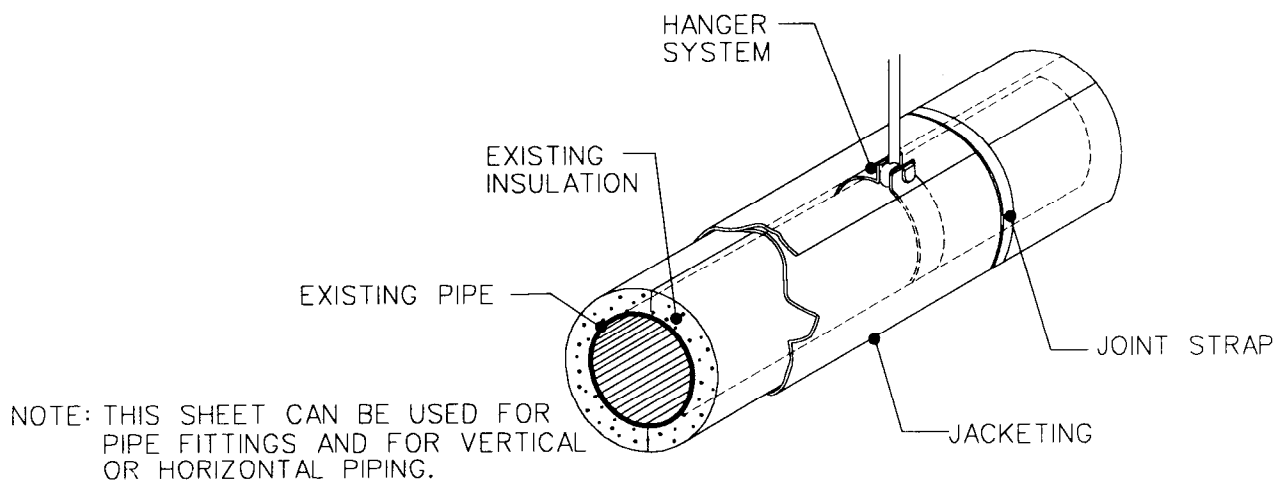
1. Install glove bag as specified on sheet 10. Prepare modified containment area as specified on sheet 21. Adequately wet mist insulation surface with amended water.
2. Remove any loose material in the repair area with a HEPA vacuum. Fill voids with mineral wool insulating cement.
3. Cover filled areas with a nonwoven fiberglass cloth saturated with a bridging encapsulant. Extend cloth a minimum of 6 inches beyond edge of damaged areas. Allow area to dry for 24 hours. Coat area with a second layer of tinted bridging encapsulant.
4. Inspect and reapply encapsulant as necessary.
5. Prepare area for final clearance.
6. Carry out final clearance requirements specified on sheets 10 and 21.



NOTE: THIS SHEET CAN BE USED FOR
VERTICAL OR HORIZONTAL PIPING.

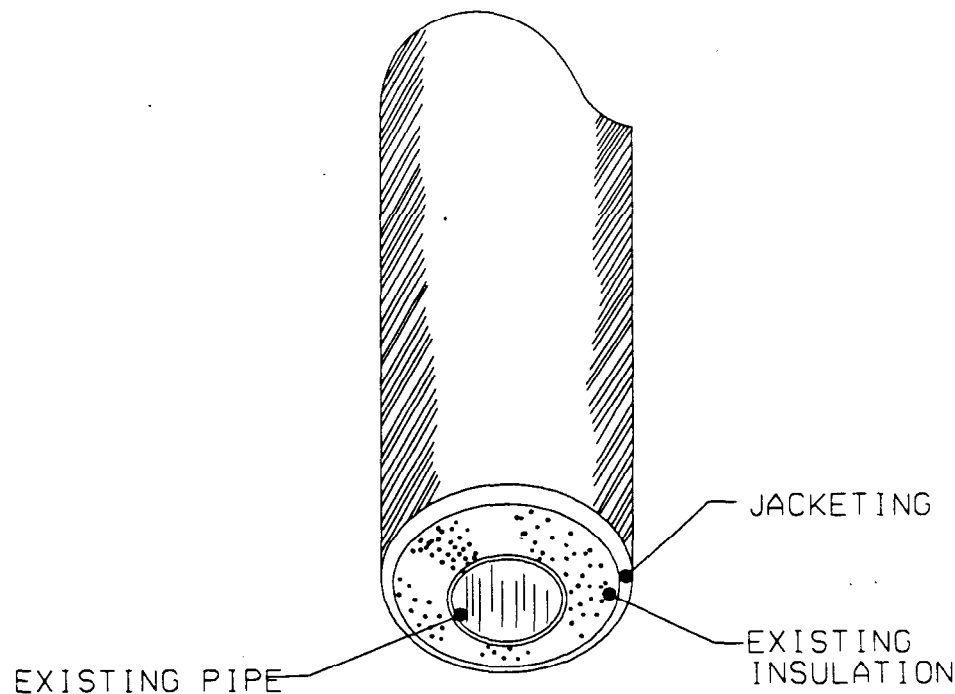
Removal of pipe insulation (using glove bag)

1. Install glove bag as specified on sheet 10. Prepare modified containment area as specified on sheet 21. Adequately wet mist insulation surface with amended water, initially and during removal.
2. Remove jacketing and asbestos pipe insulation from pipe and hanger to within 2 inches of inside edges of glove bag.
3. Clean exposed surfaces by spraying with amended water and brushing.
4. Inspect and reclean as necessary.
5. Spray a tinted penetrating encapsulant on pipe and exposed ends of insulation.
6. Inspect piping and reapply encapsulant as necessary.
7. Prepare area for final air clearance.
8. Carry out final clearance requirements specified on sheets 10 and 21.



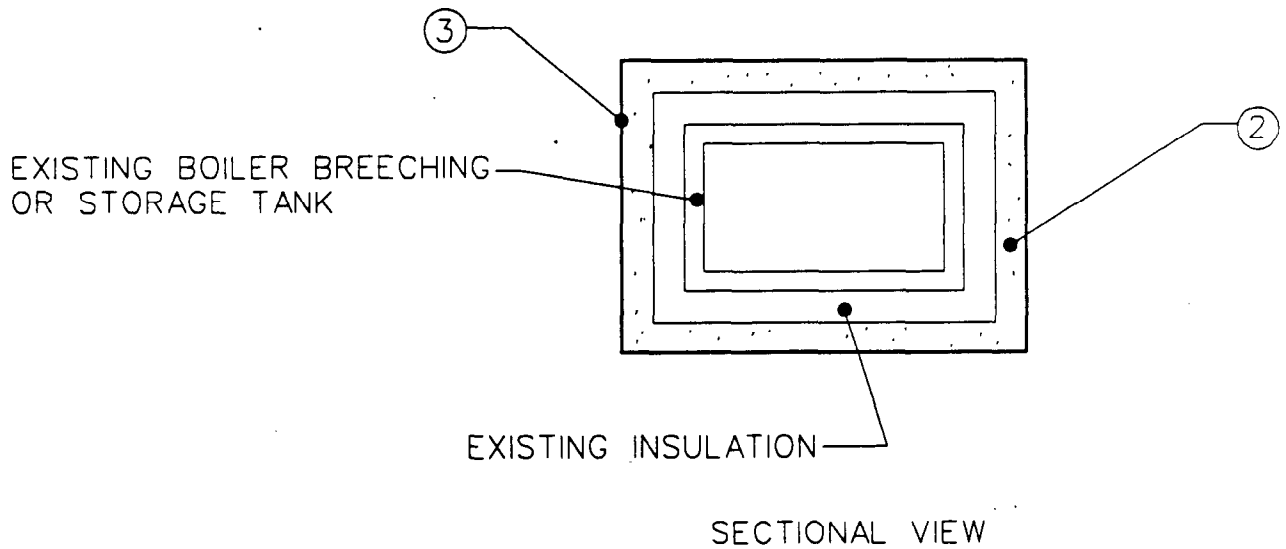
Removal of horizontal pipe insulation (using containment area)

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Adequately wet mist insulation surface with amended water, initially and during removal. Remove jacketing and insulation from pipe and hanger system.
3. Clean exposed surfaces by spraying with amended water and brushing.
4. Inspect and reclean as necessary.
5. Spray a tinted penetrating encapsulant on pipe and exposed ends of insulation.
6. Inspect piping and reapply encapsulant as necessary.
7. Prepare area for final air clearance.
8. Carry out final clearance requirements specified on applicable sheet 16, 17, or 18.



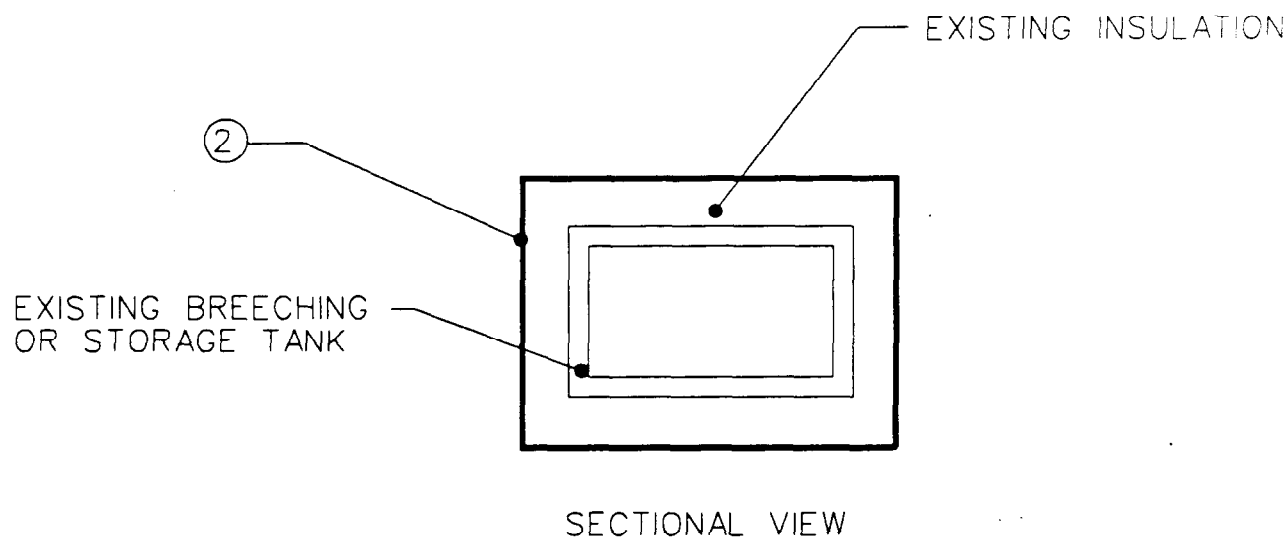
Removal of pipe insulation (using mini-containment area)

1. Prepare mini-containment area as specified on sheet 7.
2. Adequately wet mist insulation surface with amended water, initially and during removal. Remove jacketing and insulation from pipe and hanger system.
3. Clean exposed surfaces by spraying with amended water and brushing.
4. Inspect and reclean area as necessary.
5. Spray a tinted penetrating encapsulant on pipe and exposed ends of insulation. Inspect and reapply as necessary.
6. Prepare area for final clearance.
7. Carry out final clearance requirements specified on sheet 7.



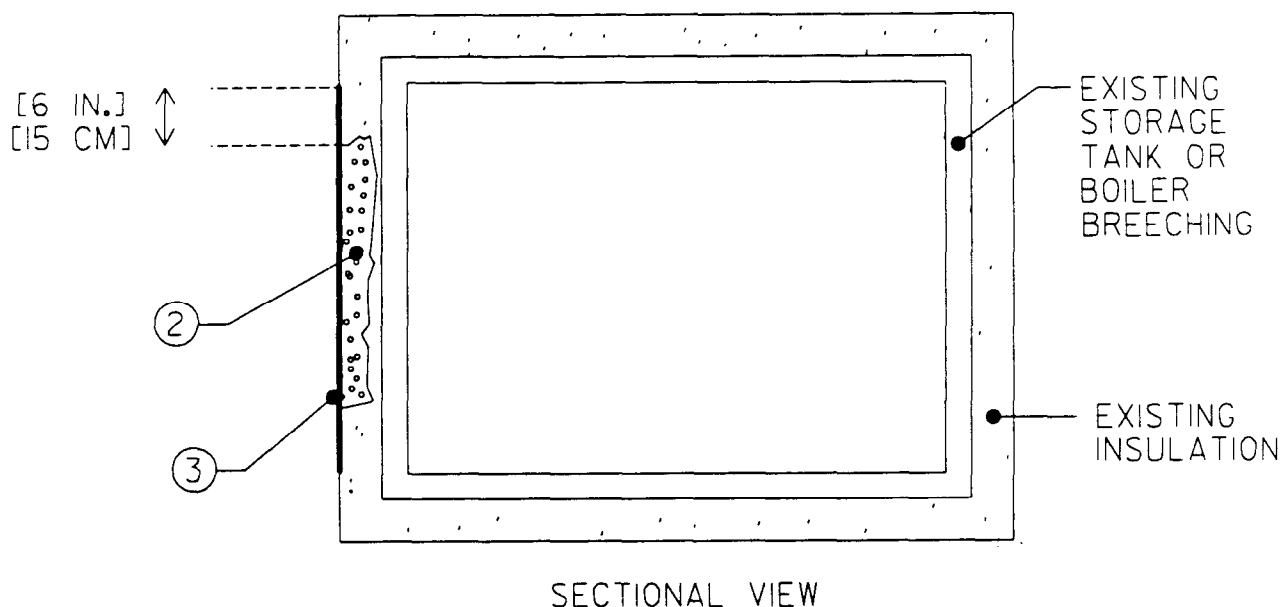
Encasement of storage tank or boiler breeching

1. Prepare modified containment area as specified on sheet 21. Install HEPA filter unit and ductwork; see sheet 8.
2. Apply foam sealer to existing insulation.
3. Inspect and reapply sealer as necessary.
4. Spray on polymer shell finish.
5. Inspect.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements specified on sheet 21.



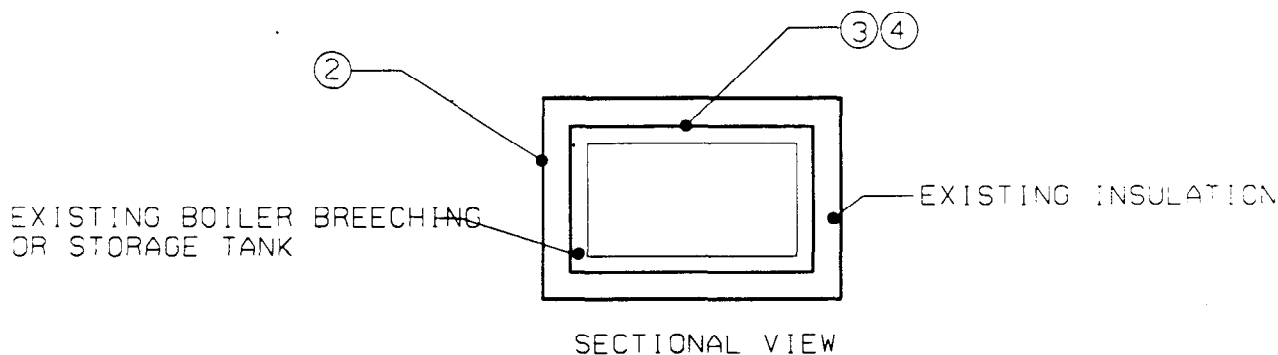
Bridging encapsulation of storage tank and boiler breeching

1. Prepare modified containment area as specified on sheet 21. Install HEPA filter unit and ductwork; see sheet 8.
2. Apply tinted bridging encapsulant to surface of insulation.
3. Inspect and reapply encapsulant as necessary.
4. Prepare area for final air clearance.
5. Carry out final clearance requirements as specified on sheet 21.



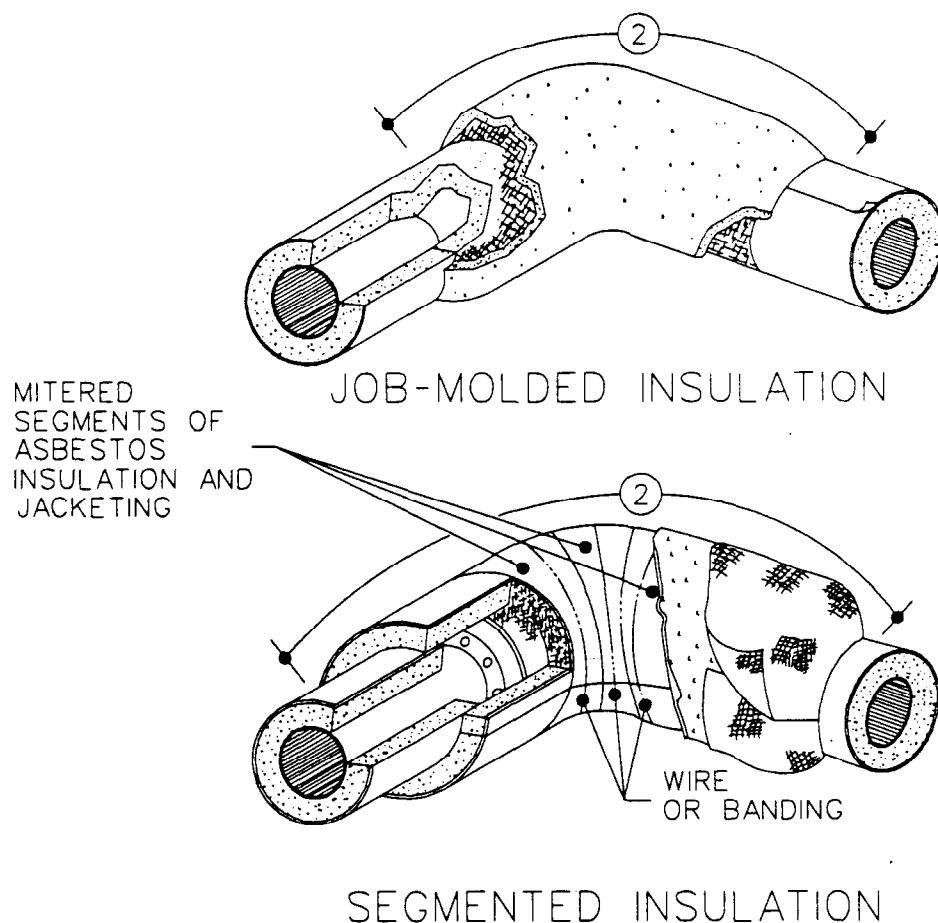
Repair of storage tank and boiler breeching

1. Prepare mini-containment area as specified on sheet 7. Adequately wet mist insulation with amended water.
2. Remove any loose material in the repair area with a HEPA vacuum. Fill voids with mineral wool insulating cement.
3. Cover filled areas with a nonwoven fiberglass cloth saturated with a bridging encapsulant. Extend cloth a minimum of [6 in] [15 cm] beyond the edge of damaged areas. Allow area to dry for 24 hours. Coat area with a second layer of tinted bridging encapsulant.
4. Inspect and reapply encapsulant as necessary.
5. Prepare area for final air clearance.
6. Carry out final clearance requirements specified on sheet 7.



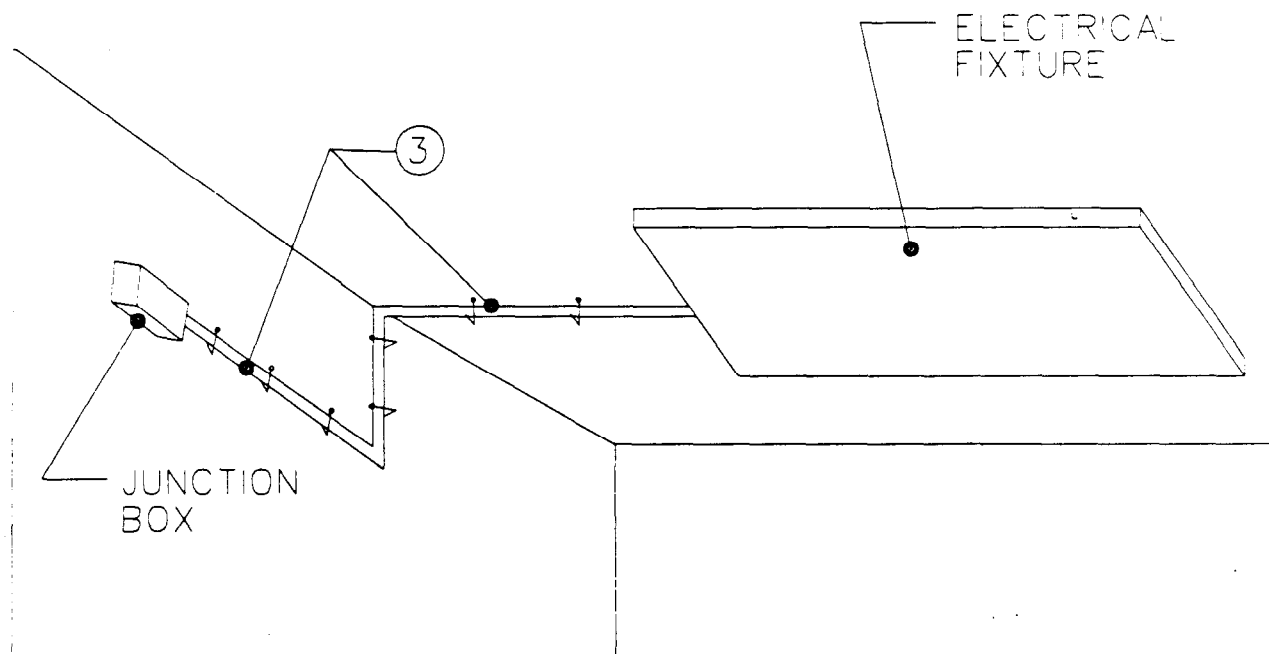
Removal of storage tank and boiler breeching insulation

1. Prepare containment areas as specified on applicable sheet 2, 3, or 4.
2. Adequately wet mist surface with amended water, initially and during removal. Remove insulation, including reinforcing fabric, mesh, steel bands or wire, and jacketing. Place in approved containers; see sheet 9. Apply labels; see sheet 14.
3. Clean exposed surfaces by spraying with amended water and brushing, HEPA vacuuming, and adequately wet cleaning all surfaces.
4. Inspect and reclean area as necessary.
5. Spray a tinted penetrating encapsulant. Inspect and reapply as necessary.
6. Prepare area for final air clearance.
7. Carry out final clearance requirements specified on applicable sheet 16, 17, or 18.



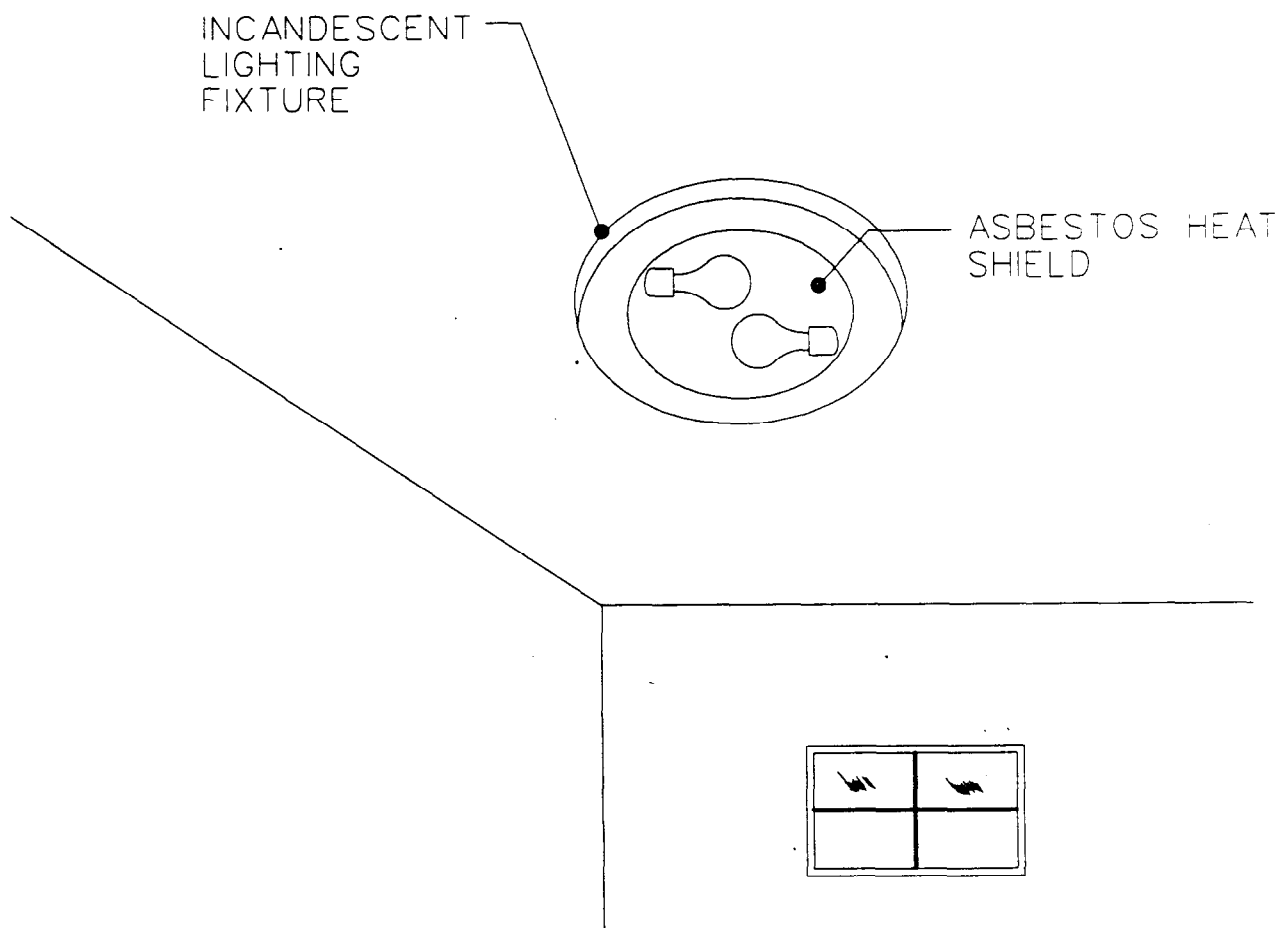
Removal of pipe-fitting insulation (using glove bag)

1. Install glove bag as specified on sheet 10. Prepare modified containment area as specified on sheet 21.
2. Adequately wet mist with amended water, initially and during removal procedure. Remove jacketing and asbestos-containing insulation from fittings and onto straight run of pipe until only asbestos-free insulation remains.
3. Clean exposed surfaces by spraying with amended water and brushing. HEPA vacuum and wet wipe all surfaces.
4. Inspect and reclean area as necessary.
5. Spray a tinted penetrating encapsulant on pipe and exposed ends of insulation.
6. Inspect and reapply penetrating encapsulant as necessary.
7. Prepare area for final air clearance.
8. Carry out final clearance requirements as specified on sheets 10 and 21.



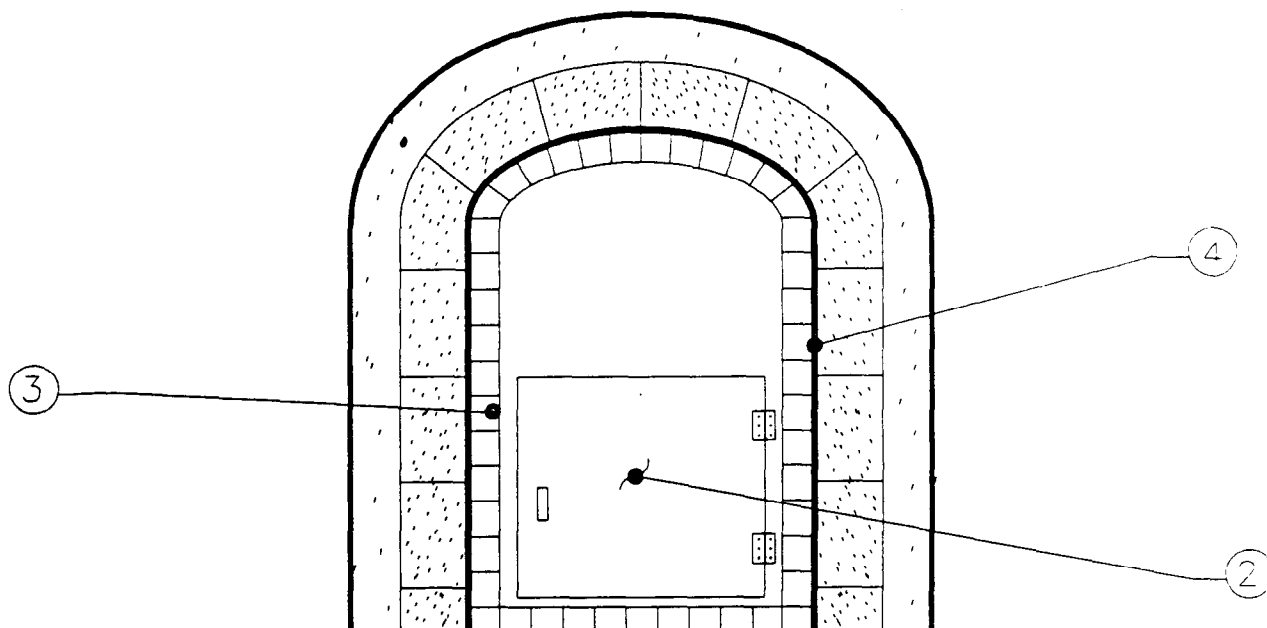
Removal of asbestos-insulated electrical wiring

1. Prepare modified containment area as specified on sheet 21.
2. Disconnect all electrical power to the area where electrical wiring is to be removed.
3. Adequately wet mist exposed asbestos insulation with removal encapsulant. Carefully remove wiring so as not to damage insulation. Coil wire and place in approved container; see sheet 9. Apply labels; see sheet 14.
4. Prepare area for final clearance.
5. Carry out final clearance requirements specified on sheet 21.



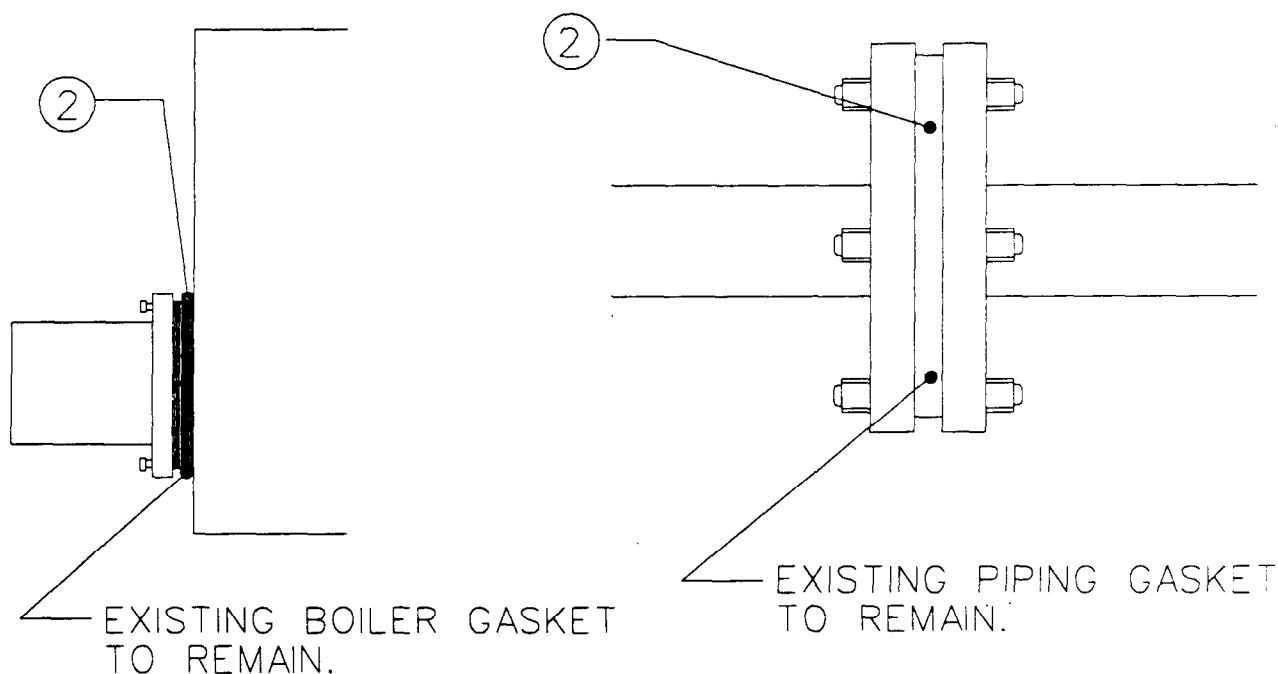
Removal of asbestos-insulated electrical fixture

1. Prepare modified containment area as specified on sheet 21.
2. Disconnect all electrical power to the area where electrical fixture is to be removed.
3. Adequately wet mist exposed asbestos heat shield with removal encapsulant. Carefully remove fixture so
- as not to damage the heat shield. Place entire fixture in an approved container; see sheet 9. Apply labels; see sheet 14.
4. Prepare area for final clearance.
5. Carry out final clearance requirements specified on sheet 21.



Removal of boiler firebox insulation

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Isolate flue. Entry to boiler firebox is through firebox door.
3. Remove firebrick from firebox. Wet wipe each brick and spray with a removal encapsulant. Treat brick as uncontaminated waste, if authorized by the contracting officer; otherwise, treat as asbestos-contaminated waste. Place in approved container; see sheet 9. Apply labels; see sheet 14.
4. Adequately wet mist surface of exposed insulation with amended water. Remove asbestos-containing insulation behind the firebrick. Place in approved container; see sheet 9. Apply labels; see sheet 14.
5. Clean, HEPA vacuum, and adequately clean entire firebox.
6. Inspect and reclean area as necessary.
7. Apply a tinted penetrating encapsulant to entire firebox. Inspect and reapply as necessary.
8. Prepare area for final air clearance.
9. Carry out final clearance requirements specified on applicable sheet 16, 17, or 18.



Bridging encapsulation of boiler and piping gaskets

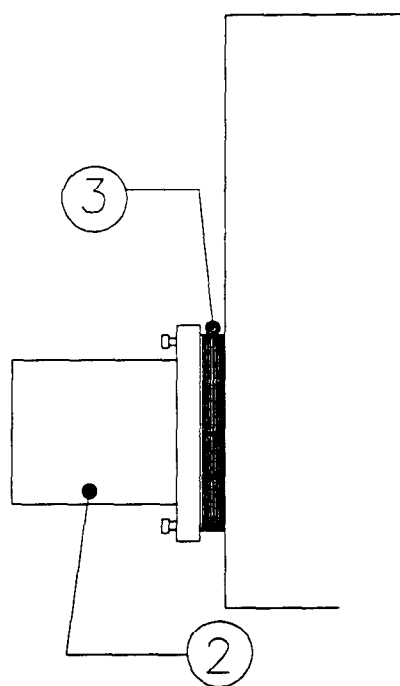
1. Establish work area and prevent unauthorized entry; see sheet 11. Provide personal protection and decontamination facilities as specified in contractor's asbestos hazard abatement plan.

2. Apply tinted bridging encapsulant to exposed edge and surface of gasket by brushing to an acceptable thickness.

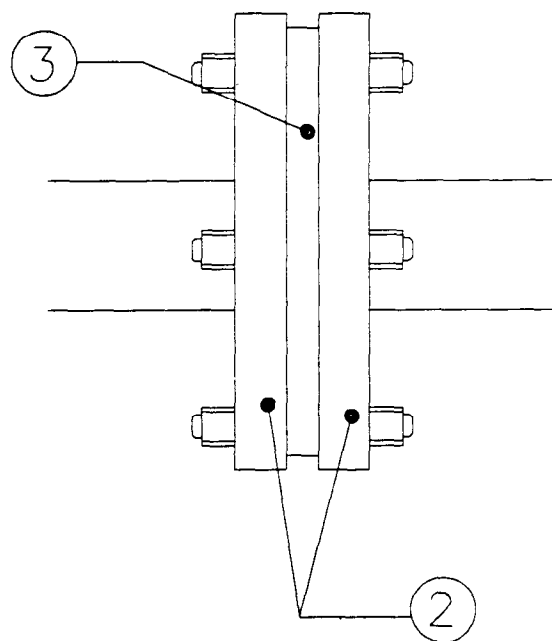
3. Inspect and reapply encapsulant as necessary.

4. Prepare area for final clearance.

5. Contractor and contracting officer will certify visual inspection of work area on sheet 19, *Certification of Final Cleaning and Visual Inspection*.



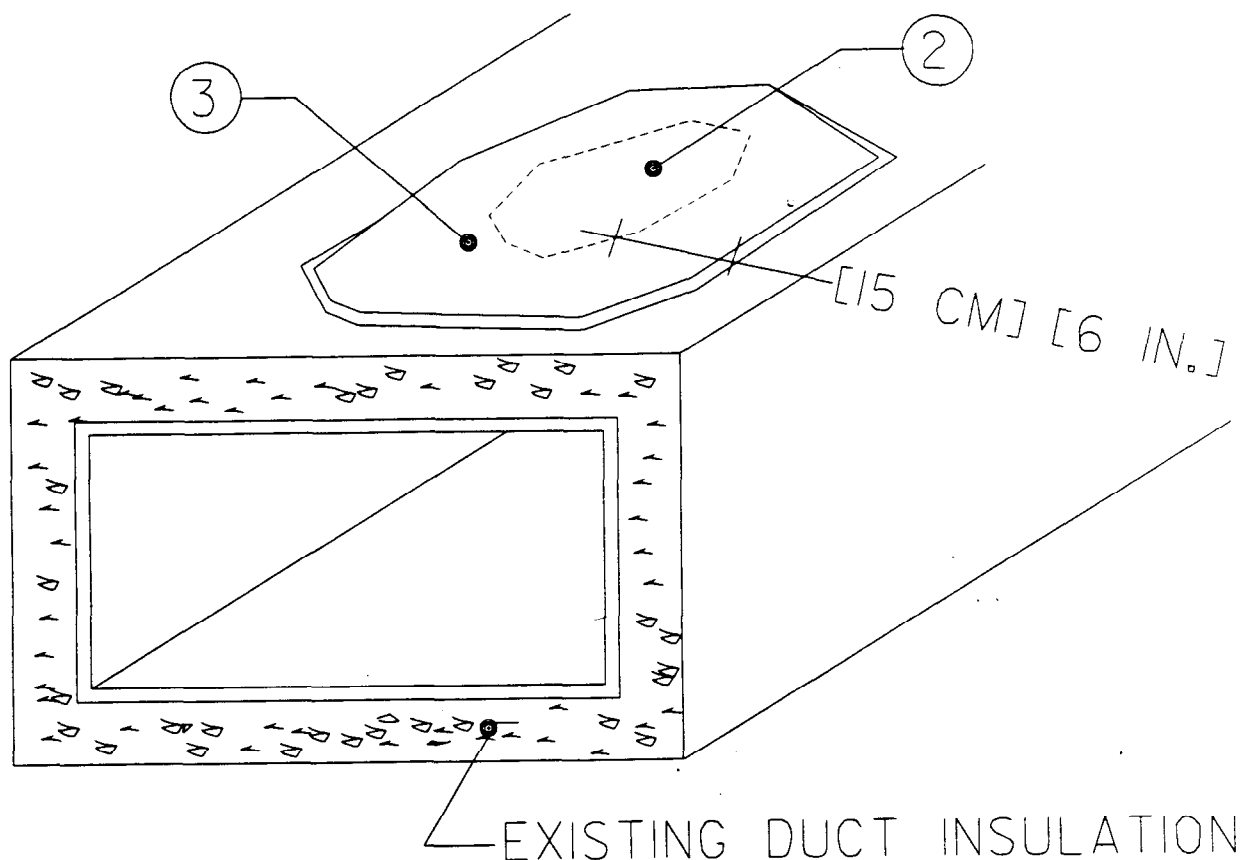
BURNER



PIPING

Removal of boiler and piping gaskets

1. Prepare modified containment area as specified on sheet 21.
2. Adequately wet mist burner or piping before disassembling.
3. Adequately wet mist gasket surfaces with amended water, initially and during removal procedure. Remove boiler/piping gasket from flanges. Place gasket in approved container; see sheet 9. Apply labels; see sheet 14.
4. Clean, HEPA vacuum, and adequately wet clean surfaces.
5. Inspect and reclean as necessary.
6. Apply tinted penetrating encapsulant to flange surfaces. Inspect and reapply as necessary.
7. Prepare area for final clearance.
8. Carry out final clearance requirements as specified on sheet 21.



Repair of duct insulation

1. Install mini-containment area as specified on sheet 7.

2. Adequately wet mist area to be repaired. Remove any loose material with a HEPA vacuum. Fill voids with mineral insulating cement.

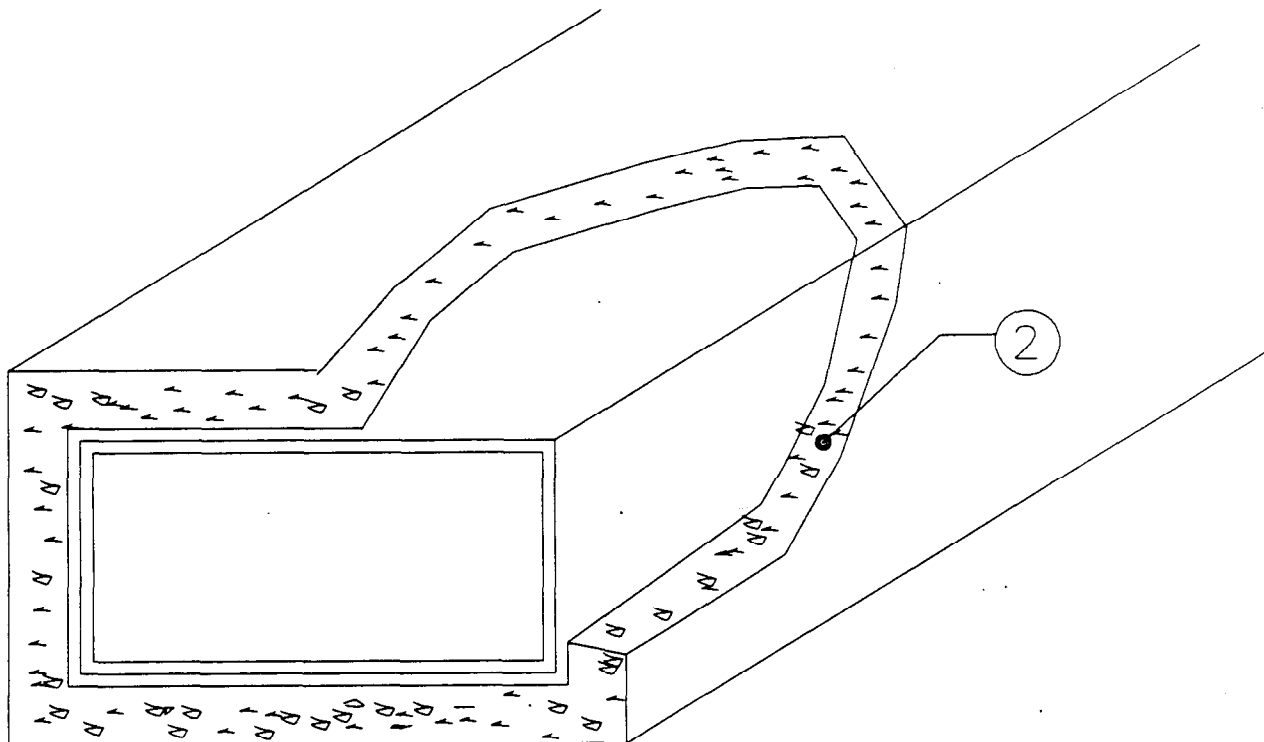
3. Cover filled areas with a nonwoven fiberglass cloth saturated with a bridging encapsulant. Extend cloth a minimum of [6 in] [15 cm] beyond the edge of

damaged areas. Allow area to dry for 24 hours. Coat area with a second layer of tinted bridging encapsulant.

4. Inspect and reapply encapsulant as necessary..

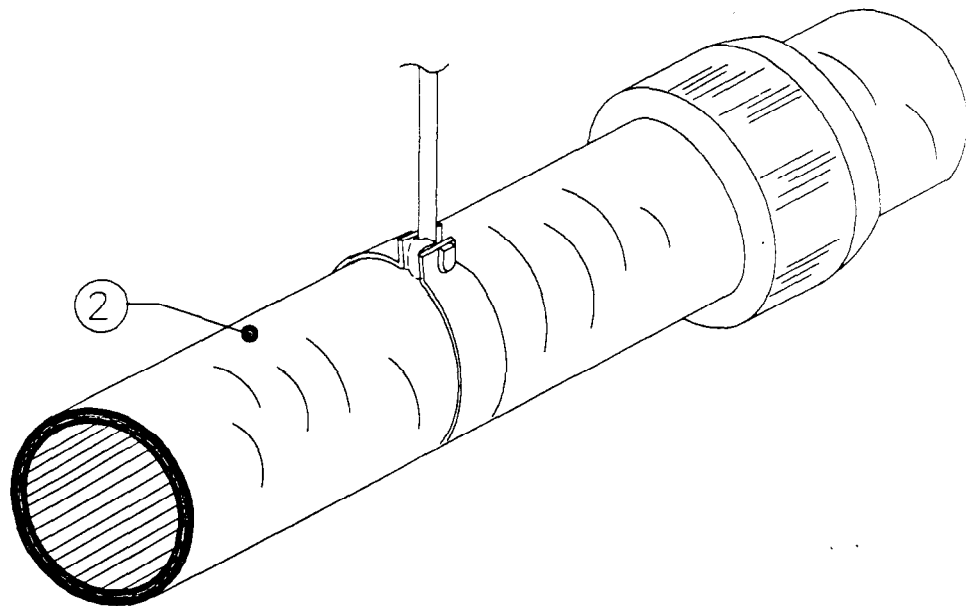
5. Prepare area for final air clearance.

6. Carry out final clearance requirements as specified on sheet 7.



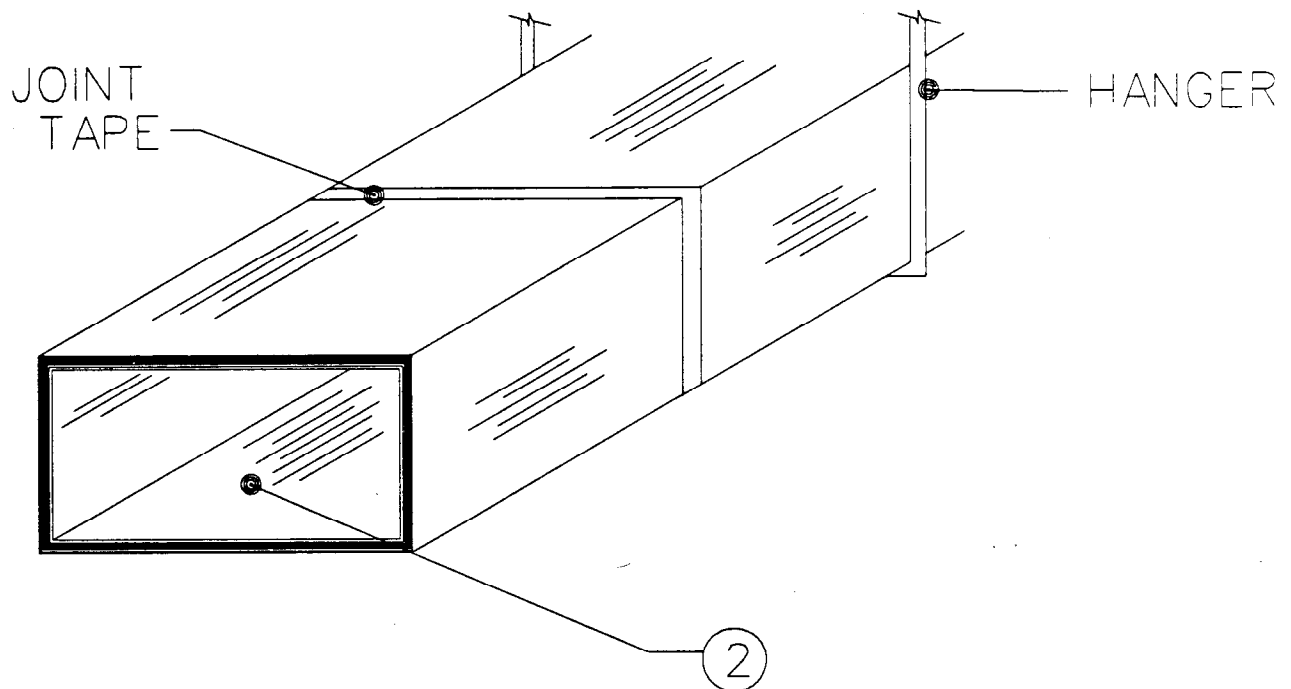
Removal of duct insulation

1. Prepare containment area as specified on applicable sheet 2, 3, or 4.
2. Adequately wet mist surface with amended water, initially and during removal procedure. Remove all asbestos insulation from duct. Place in approved container; see sheet 9. Apply labels; see sheet 14. Brush, HEPA vacuum, and wet wipe exposed duct surfaces to remove residual material.
3. Inspect and reclean area as necessary.
4. Apply tinted penetrating encapsulant. Inspect and reapply as necessary.
5. Prepare area for final air clearance.
6. Carry out final clearance requirements as specified on applicable sheet 16, 17, or 18.



Removal of asbestos cement pipe

1. Prepare modified containment area as specified on sheet 21.
2. Adequately wet mist surface of pipe with amended water initially and during removal procedure. Remove existing asbestos cement pipe. Place each section on two layers of 6-mil polyethylene. Wrap each layer around pipe and seal ends and joints with duct tape; see sheet 9. Apply labels; see sheet 14.
3. Prepare area for final clearance.
4. Carry out final clearance requirements as specified on sheet 21.



Removal of asbestos cement ductwork

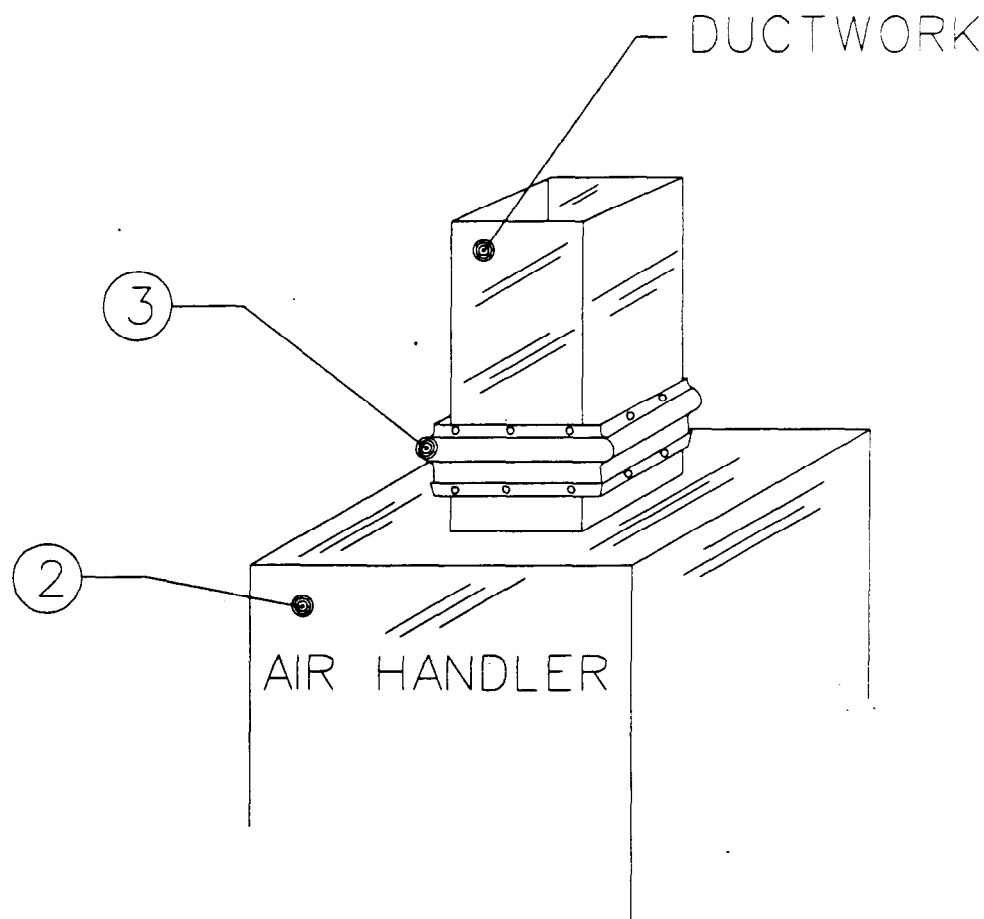
1. Prepare modified containment area as specified on sheet 21.

2. Adequately wet-mist surface of ductwork with amended water, initially and during removal. Remove existing asbestos cement ductwork. Place each section on two layers of 6-mil polyethylene. Wrap

each layer around ductwork and seal ends and joints with duct tape; see sheet 9. Apply labels; see sheet 14. Place smaller material in approved containers; see sheet 9. Apply labels; see sheet 14.

3. Prepare area for final clearance.

4. Carry out final clearance as specified on sheet 21.



Removal of asbestos flex connector

1. Prepare modified containment area as specified on sheet 21.
2. Disconnect all electrical power to the air handler.
3. Adequately mist flex connector with removal encapsulant. Remove existing flex connector. Place in an approved container; see sheet 9. Apply labels; see sheet 14.
4. Clean, HEPA vacuum, and wet wipe area in the immediate vicinity of removed materials.
5. Inspect and reclean as necessary.
6. Prepare area for final clearance.
7. Carry out final clearance requirements as specified on sheet 21.